Oil, Paint and Drug Reporter

THE CHEMICAL MARKET AUTHORITY

SINCE 1871

Volume 134 DECEMBER 26, 1938 Number 26

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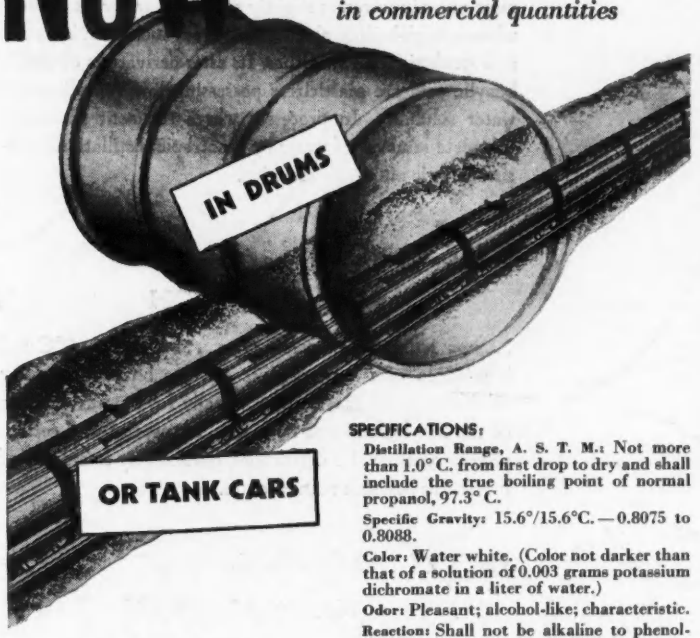

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2-ETHYLBUTYL ALCOHOL

$(C_2H_5)_2CHCH_2OH$

. . . a colorless liquid boiling at 148.9°C . . . is miscible with most organic solvents; slightly soluble in water. It is used where a high-boiling alcohol is desired, such as in lacquers and synthetic resin varnishes. Its ester derivatives of dicarboxylic acid are plasticizers possessing low volatility and water solubility. In processes where the controlled and complete removal of water by azeotropic distillation is desirable, it is unusually effective.

n-HEXANOL

$CH_3(CH_2)_4CH_2OH$

. . . *now selling at a new low price* . . . boils at 157.0°C and is miscible with most organic solvents but only slightly soluble in water. It is used principally for the introduction of the hexyl group into hypnotics, antiseptics, and certain pharmaceuticals. Its derivatives, particularly esters, are of interest in perfume manufacture.

OCTYL ALCOHOL

$C_4H_9CH(C_2H_5)CH_2OH$

. . . a colorless liquid with a high boiling point of 184.3°C . . . is only slightly soluble in water. An excellent defoaming agent for the varnish, paper coating, rubber latex, textile printing, and ceramic industries, it is used wherever foaming is undesirable. It is a wetting agent in the grinding of pigments, in the preparation of slips or slurries of clays, and in the formulation of penetrating oils. Small amounts will increase the efficiency of other wetting agents, such as sulfonated oils. It is of interest where a coupling and clarifying agent which is effective in low concentrations is desirable. It is also an economical intermediate for introducing the octyl group into other compounds.

METHYL AMYL ALCOHOL

$(CH_3)_2CHCH_2CH(OH)CH_3$

. . . with a boiling point of 131.4°C . . . falls in the class of "medium high-boiling" alcohols. Although only slightly soluble in water, it is miscible with most organic solvents, and dissolves dyestuffs, gums, resins, and waxes. It is useful in lacquer for securing good flow-out, high gloss, and blush resistance.

METHYL AMYL CARBINOL

$CH_3(CH_2)_4CHOHCH_3$

. . . boiling at 160.4°C . . . is the first heptyl alcohol to be made commercially. This secondary alcohol should be of interest in the manufacture of plasticizers, pharmaceuticals, xanthates, and wetting agents. It should be tried wherever the use of a medium-boiling alcohol is indicated.

Information on these new chemicals will gladly be furnished.

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Insecticide-Fungicide Law Model Drafted

Members of the Manufacturing Chemists Association and the National Association of Insecticide and Disinfectant Manufacturers are studying a draft of a model for State insecticide and fungicide laws. The draft, which has been approved by the M.C.A. insecticide and fungicide committee, is intended to furnish a means of promoting the enactment of uniform legislation in the several States early in 1939.

The proposed law would have to do with standardization, adulteration, and misbranding of insecticides, fungicides, disinfectants, herbicides, and rodent-killers, and it would require annual registration of such products. The proposed penalties are relatively light—a fine of not more than $25 for a first offense, and one of not more than $100 for any subsequent offense.

The definitive provisions of the model bill are as follows:—

Section 1. Definitions

Certain terms appearing in this act shall be defined as follows:

(a) The term, "person," shall include any firm, corporation, partnership, association, trust, joint stock company, or unincorporated organization.

(a) The term "insecticide or fungicide" shall be construed to mean and include any and all substances, including disinfectants, intended for use in preventing, destroying, repelling or mitigating insects, rodents, fungi (and bacteria) or weeds or other pests, but to exclude drugs, poisons, chemicals or other preparations sold or intended for medicinal or toilet purposes or for use in the arts or sciences.

(c) The term "professed standard of quality" shall be construed to mean either a statement of the name and percentage of each active ingredient together with the total percentage of all inert ingredients contained in an insecticide or fungicide, or, in lieu thereof, a statement of the name and percentage of each inert ingredient together with the total percentage of all active ingredients contained in an insecticide or fungicide.

(d) The term "adulterated" shall apply to any insecticide or fungicide, the strength or purity of which falls below its professed standard of quality.

(e) The term "misbranded" shall apply to any insecticide or fungicide, the package or label of which shall bear any statement regarding such article or its ingredients which does not conform to the requirements of this act.

(f) The term "registrant" shall apply to the person registering any insecticide or fungicide pursuant to the provisions of section 3 of this act.

Section 2. Sale

It shall be unlawful for any person to

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Wage-Hour Law Suits Due This Week

OPD Washington Bureau
December 22, 1938

Prosecutions for violation of the Federal wage-hour act will be brought against several employers within the coming week, it was announced today by Elmer F. Andrews, Administrator of the Wage and Hour division of the Department of Labor.

Mr. Andrews recently returned from an extended trip through several States and reported that, in general, there is an effort to comply with the law, but that a number of instances of deliberate violation have been reported. These will be used as the basis for test litigation, he said.

Most complaints by employers, the administrator declared, are against the necessity for keeping time records and paying overtime wages beyond forty-four hours a week to well-paid employees on monthly salaries who have considerable liberty as to actual hours worked but who do not come within the definition of professional or executive workers. He indicated that the definition of professional and executive workers might be enlarged by regulation to exempt such employees, or that Congress may be asked to amend the law to exempt from the overtime provisions salaried employees paid more than a certain monthly rate.

Hopkins Appointed Commerce Head

OPD Washington Bureau
December 23, 1938

Harry L. Hopkins was appointed Secretary of Commerce today by President Roosevelt to fill the vacancy in the cabinet created by the recent resignation of Daniel C. Roper.

To succeed Mr. Hopkins as "acting" WPA administrator, the President named Col. Francis C. Harrington, army engineer and formerly assistant WPA administrator.

Chlorine Price Pacts Prohibited by F.T.C.

OPD Washington Bureau
December 20, 1938

Nine producers of chlorine have been ordered by the Federal Trade Commission to cease and desist from agreeing and combining to fix and maintain uniform prices for their product. The respondents are:—The Belle Alkali Company, Belle, W. Va.; the Columbia Alkali Corporation, New York; the Diamond Alkali Company, Pittsburgh; the Electro Bleaching Gas Company, New York; the Hooker Electrochemical Company, New York; the Mathieson Alkali Works, New York; the Monsanto Chemical Company, St. Louis; the Pennsyl-

—Continued on page 38

Drug Act Regulations Signed By Secretary of Agriculture

OPD Washington Bureau
December 23, 1938

Secretary Wallace today signed the revised regulations under the food, drug, and cosmetic act to take effect next June 24. Because of government holidays, copies will not be available until December 28 when the text will be printed in the Federal Register.

A number of important changes have been made as the result of hearings November 17 and 18 and briefs filed by interested parties. The chief changes are in sections 201 (n), relating to differences of medical opinion, and sections 403 (f), 502 (c), and 602 (c), relating to the principal display label.

The opinion section has been revised to provide that a difference of opinion, if any exists among qualified experts, as to the truth of a representation made on a label is a fact (among other facts), failure to reveal which may render the label misleading, if there is a material weight of opinion contrary to such representation.

The display panel section has been changed to provide that information required to appear on a label may lack the prominence and conspicuousness required by the law by reason (among other reasons) of the following:—(1) failure to appear on the part or panel of the label which is presented or displayed under customary conditions of purchase; (2) failure to appear on two or more parts if each has sufficient space and is likely to be displayed; (3) failure of the label to extend over the area available on the package to provide sufficient space for prominent placing; (4) insufficiency of space resulting from use for material not required by the law; (5) insufficiency of space resulting from the materially greater conspicuousness of nonrequired matter; (6) by being in small type, with noncontrasting background, or crowded or concealed by ornamentation or otherwise. No exception from the labeling requirement will be given on the ground of insufficient space if the insufficiency is due to the use of a foreign language.

The requirement that the street address of the manufacturer be on the label has been restricted to cases where the address does not appear in the city directory of the city given as the address.

The secretary issued a statement declaring that the changes made make the regulations more workable from the standpoint of industry with no loss to consumer protection, but that, because of consumer protests, no changes were made in section 403 (i) requiring disclosure of ingredients in foods, or in the exemption of small packages from the requirement that contents be disclosed in sections 403(e), 502(b) and 602(b). He declared that the medical opinion provision was rewritten to express the intention of the house committee in its report on the bill, and that the display panel sections were changed to meet the principal difficulties expressed by industry but will not permit labels to fail to make the required information immediately and fully available.

Import regulations are still being considered by the Department of Agriculture and the Treasury Department and will be published later.

A.M.A. and Affiliates Indicted Under Sherman Antitrust Act

OPD Washington Bureau
December 21, 1938

The American Medical Association, the Medical Society of the District of Columbia, the Washington Academy of Surgery, the Harris County Medical Society, Houston, Texas, and twenty-one physicians of Washington and Chicago are charged with "combination and conspiracy in restraint of trade" in indictments returned today in the District court by a Federal grand jury.

The indictments charge violation of the Sherman antitrust act, and are based principally on alleged acts of the defendants against Group Health Association, Inc., Washington, a medical cooperative for government employees.

Dr. Morris Fishbein, editor of the *Journal of the American Medical Association*, has declared that the association will "defend the case to the limit," according to dispatches from Chicago. The District of Columbia Medical Society has not issued a statement since the indictments were returned, but spokesmen for the group have already protested in court that the Sherman act cannot be applied to its members because they are members of a learned profession, rather than of a "trade."

Illegal Restraint Charged

The indictments explain that organized medicine has brought pressure to bear against Group Health Association through use of influence in local hospitals, and charge specifically that the defendants have operated:—

(1) For the purpose of restraining Group Health Association, Inc., in its business of arranging for the provision of medical care and hospitalization to its members and their dependents on a risk-sharing prepayment basis;

(2) For the purpose of restraining the members of Group Health Association, Inc., in obtaining by cooperative efforts adequate medical care for themselves and their dependents from doctors engaged in group medical practice on a risk-sharing prepayment basis;

(3) For the purpose of restraining the doctors serving on the medical staff of said Group Health Association, Inc., in the pursuit of their callings;

(4) For the purpose of restraining doctors (not on the medical staff of Group Health Service, Inc.) practicing in the District of Columbia, including the doctors so practicing who are made defendants herein, in the pursuit of their callings;

(5) For the purpose of restraining the Washington hospitals in the business of operating such hospitals.

Arnold in Charge

The grand jury began its investigation October 17, and has heard a long list of witnesses, including officials of Group Health Association, the American Medical Association, the District Medical Society, and many physicians and surgeons in private practice. Thurman W. Arnold, Assistant Attorney General in charge of antitrust activities, heads the Department of Justice staff which presented the case to the grand jury.

Among the defendants named in the indictments are Dr. Fishbein; Dr. Olin West, secretary and general manager of the American Medical Association; Dr. William Creighton Woodward, director of the A.M.A. Bureau of Legal Medicine and Legislation; Dr. William Dick Cutter, secretary of the A.M.A. Council on Medical Education and Hospitals; and Dr. Roscoe Genung Leland, director of the A.M.A. Bureau of Medical Economics.

California Case Appealed

The Pacific Health Corporation, a cooperative organization, San Francisco, today filed in the Supreme Court of the United States an appeal from a decision of the California supreme court which held that the corporation had practiced medicine without a license. The organization employs licensed physicians to provide medical care for its members, who pay in advance. It contends that this does not violate the State law which requires physicians to be licensed and that it does not itself practice medicine.

Water-Treating Permit Required in This City

The Board of Health of the City of New York has added to the sanitary code section 170, which requires that a permit from the commissioner of health be got by every person engaging in, or advertising to add chemicals to the water supply of buildings for the purpose of preventing corrosion or scaling of piping. Regulations explanatory of the new section have been issued.

The control to which the section is directed does not relate to the treatment of water for industrial purposes, in swimming pools, in air-conditioning systems, or for any use which does not include human consumption. The treatment covered by the new section is limited to processes involving the addition to water of calcium bicarbonate, calcium carbonate, calcium hydroxide, sodium bicarbonate, sodium carbonate, sodium hydroxide, sodium phosphates, or sodium silicates, and only these chemicals or mixtures thereof may be used in the permitted anticorrosion or antiscaling treatments. A report to the department of health is required within twenty-four hours after installation or servicing of any new location.

Permits will be granted only where fully qualified chemical engineers are in responsible charge of all operations in connection with water treatment in buildings. Approved devices must be used. Permittees must maintain at all times a suitable chemical laboratory for standard analysis of water for acidity, alkalinity to methyl orange, alkalinity to phenolphthalein, calcium, copper, free carbon dioxide, hydrogen ion concentration, iron, magnesium, silica, zinc.

The new section will become effective April 1, 1939.

Closing Market Developments

Tin Salts Firm

Quotations for various tin salts remained unchanged later in the week, and a firm tone prevailed. Straits metal was quoted at .4635c. per pound.

Japanese Meal Raised

For the second time within the week Japanese sardine meal showed a drastic price increase. Latest market quotations call for $48.50 per ton, c.i.f. North Atlantic coast ports for January-February shipments. Curtailed production was advanced as reason for the increase.

Cottonseed Oil Steadier

Refined cottonseed oil futures were steadier late in the week, the trend of prices being upward on Friday in company with lard. Shorts covered on the eve of the holidays. May closed at 7.67c. and July 7.78c.

Foreign Trade Rules

Information recently published by the Department of Commerce on foreign tariff and related trade regulations include the following:—

Antimalarial Preparations.—A new emergency ruling in Greece provides that the importation, manufacture, advertising and sale of antimalarial preparations shall be governed by the general legislation applicable to proprietary medicines and by the special provisions of the present law. By "antimalarial preparations" are meant exclusively proprietary medicines for the treatment of malaria, whether containing quinine or not.

Drugs.—By virtue of the promulgation and going into effect of the new Cuban Code of Social Defense, certain functions formerly carried out by the Department of Health and Welfare, regarding the enforcement of regulations prohibiting the adulteration of foods and medicines and regulating the traffic in dangerous drugs, have been transferred to the Department of Justice.

Edible Oils:—Imports of edible oils into Tunisia, other than pure olive oil, must have had previously added, outside of Tunisian territory, sesame oil in the amount of at least 10 percent.

Flax:—A duty of 100 zlotys per 100 kilos will apply on exports of flax fiber from Poland.

Lead Arsenate:—A recent decree authorized imports into Uruguay free of duty of 1,700 kilos of lead arsenate from England. The cargo was admitted under provisions of an old law granting free entry of materials used for destruction of agricultural insect pests.

Oiticica Seed Exports:—A Federal decree prohibits the exportation of oiticica seed from Brazil, under penalty of fines ranging from 5 to 30 contos, and double those amounts for second offenses.

Olive Oil:—Exports of olive oil from Tunisia are required to be accompanied by a certificate of purity issued by designated bureaus of the Tunisian government.

Parcel Post:—All commercial samples sent to Argentina by parcel post are subject to clearance stamp charges, paid at destination, amounting to 3.20 paper pesos for each parcel, regardless of whether or not they have commercial value.

Petroleum:—A government monopoly for the sale of petroleum and derivatives for domestic consumption has been created by Ecuador.

Potash Sulphate:—Venezuela has added potash sulphate to its duty-free import list.

Quinine Alkaloid:—The Union of South Africa has exempted quinine alkaloid from import duty.

Soap:—An Egyptian law forbids the manufacture, export or import or sale of soap containing less than 40 percent acid fats or resinous substances, or more than 0.5 percent caustic soda.

Chemical Prices Inactive

Price changes were few and of minor importance in the markets for heavy and fine chemicals last week. No trend was defined, although there were more advances than reductions and some solvents were cheaper.

Shipments were down to a typical yearend minimum. Future commitments were not active, although practically all new contract schedules were on unchanged bases, but the movement of goods was steady.

Prices were advanced on gum rosin, gum turpentine, vanillin, domestic casein, imported bonemeal, domestic dried blood here, Japanese sardine meal, and imported and domestic tankage.

Prices were reduced on ethyl acetate, methyl acetate, saccharin, and African wattle bark.

The REPORTER's composite index number of prices for heavy and fine chemicals remained at 125.5 (100 = average at August 1, 1914). In comparison with average prices in 1926 (as 100), the REPORTER's index number is now 88.9, compared with 89.9 at this time last year and 88.9 in 1936.

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C.P.Wilson Manages Exchange Products Dep't

C. P. Wilson, who was appointed by the joint executive committee of the California Fruit Growers Exchange manager of the organization's products department on the retirement of E. T. Cassel, has been with the exchange since August 1, 1916. He had been assistant manager of the products department since January 1, 1929, and he has been secretary of the department and of the joint executive committee for some nine years.

C. P. Wilson

Mr. Wilson went with the exchange from a position as chemist with the Department of Agriculture, where he worked under Dr. Harvey W. Wiley, to take charge of the operations then beginning at the Exchange By-Products Company, Corona. He filled positions of chemist and of manager of that company until the research department of the California Fruit Growers Exchange was organized April 1, 1920. He organized that department and was in charge until January 1, 1929, during which period the laboratory grew from two employees to eighteen, with laboratories situated in the plants of both of

—*Continued on page* 50

National Lead Promotes McNair and R.P. Rowe

J. G. C. McNair, assistant manager of the Atlantic branch of the National Lead Company, this city, will become manager on January 1. He succeeds H. G. Sidford, who is relinquishing that position in order to devote more time to his duties as vice-president and a director of the company. R. P. Rowe, sales manager of dry pigments, has been appointed assistant to Mr. McNair.

Mr. McNair joined the Atlantic branch in 1910. After three years as a salesman for white lead and metals in the Southern territory, he was transferred to New York and Brooklyn. In 1917 he was appointed assistant to Mr. Sidford, at that time sales manager of the Atlantic branch white lead department. He was made assistant manager of the Atlantic branch in 1928.

Mr. Rowe joined the company in 1910. After several years in the Atlantic and Crooke works he was made superintendent of the Bradley oxide plant in 1915. He continued in that position until 1925 when he entered sales work in the Atlantic linseed oil department. He was made sales manager of dry pigments in 1933.

Walter P. Carroll, manager of metal sales for the Chicago branch, and John L. Reque, manager of pigments and linseed oil sales, have been made assistant managers of that branch. Mr. Carroll, who has been with the company since 1910, was assistant to F. A. Gregory, jr., manager of the white lead sales department at Chicago before the war. In 1919 he entered the metal sales department and seven years later was made sales manager.

Mr. Roque was with the Hirst and Begley Linseed Company when that concern was purchased by National Lead in 1922. When the Hirst & Begley operations were consolidated with the Chicago branch in 1929, he became manager of the Chicago branch linseed oil department. Fred K. McCarthy, general sales manager of the white lead depart

—*Continued on page* 3

Chemical Workers Show Decrease

Employment Off 8.3 Percent —Payroll Totals Show Loss —Both Are Well Under 1937

Employment in factories engaged in the manufacture of chemicals and related products in the United States noted a decrease of 8.3 percent from October 15 to November 15, according to the Bureau of Labor Statistics. At the end of the monthly period employment was 9.2 percent below the corresponding level of November, 1937. Payrolls showed a decrease of 9.2 percent from October 15, to November 15, and stood 8.2 percent below the corresponding level for November 15, 1937.

The Bureau of Labor Statistics Index number for factory employment in the chemical group of industries November 15, 1938, was 113.0 (100 equals 1923-25 average), compared with 113.4 for October and 124.5 for November last year. For payroll totals the index number was 119.2 (same basis), compared with 120.1 for October and 129.9 for November last year.

The bureau's general index numbers for all manufacturing industries November 15, 1938, showed the following comparisons:—

	Nov. 1938.	Oct. 1938.	Nov. 1937.
Employment	90.6	89.5	101.1
Payroll totals	84.1	83.9	92.9

Employment in the chemical group of industries November 15 was 2.9 percent above the average for all industries. Payroll totals were 5.2 percent above the general average for all industries.

Detailed Comparisons

Employment

	Nov., 1938.	Oct., 1938.	Nov. 1937.
Chemicals	117.6	115.0	132.1
Cottonseed oil, cake and meal	114.9	122.1	144.8
Druggists' preparations	109.0	110.3	116.7
Explosives	82.8	84.1	90.1
Fertilizers	79.0	79.3	83.6
Paint and varnishes	112.3	112.9	122.8
Petroleum, refined	118.8	119.5	127.6
Rayon and allied products	312.6	314.4	349.2
Soap	88.9	93.2	92.6

Payroll Totals

	Nov., 1938.	Oct., 1938.	Nov. 1937.
Chemicals	128.4	128.3	142.8
Cottonseed oil, cake and meal	99.6	104.0	125.3
Druggists' preparations	119.0	123.9	125.4
Explosives	91.7	96.5	103.8
Fertilizers	64.7	70.1	76.5
Paint and varnishes	113.6	116.3	122.1
Petroleum	134.0	132.8	141.6
Rayon and allied products	302.8	302.6	337.9
Soap	88.3	94.8	93.4

Data compiled by the Bureau of Labor Statistics for basic nonmanufacturing industries related to the chemical industries afforded the following comparisons on the basis of the 1929 average:—

	Employment. Nov., 1938.	Oct., 1938.	Payroll totals. Nov., 1938.	Oct., 1938.
Metalliferous mining	62.3	57.6	51.4	49.1
Quarrying and nonmetallic mining	44.2	44.6	36.8	39.4
Crude petroleum producing	68.0	69.1	62.8	63.7
Dyeing and cleaning	102.4	106.8	73.9	78.1

—*Continued on page 27*

Oil, Gas Prospectors Must Get New Leases

OPD Washington Bureau
December 22, 1938

Final warning that loss of prospecting rights on approximately 6,000,000 acres of public land in the West confronts 4,000 holders of oil and gas prospecting permits, unless application is filed before December 31, to exchange these permits for five-year leases as required by law, was given today by the Secretary of the Interior, Harold L. Ickes.

Although official notice of the exchange requirement was given last September, a considerable number of the prospectors have not yet filed applications as provided under the act of August 21, 1935, Secretary Ickes was advised by Commissioner Fred W. Johnson of the General Land Office. Application for exchange of the present prospecting permits, which expire December 31, are filable with the local land offices in districts where the lands are located, Secretary Ickes explained.

Since it is obvious that action on all the exchange applications cannot be completed until after December 31, each five-year lease will become effective

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Dr.Samuel Colville Lind A.S.C. President-Elect

Dr. Samuel Colville Lind, dean of the Institute of Technology of the University of Minnesota, has been elected president of the American Chemical Socity for 1940. Dr. Lind will take office as president-elect January 1, 1939, at which time Prof. Charles A. Kraus, of Brown University. becomes president, succeeding Dean Frank C. Whitmore of Pennsylvania State College. Dr. Lind received the largest number of votes in a national poll by mail of the society's more than 22,000 members.

Three directors elected were:—

E. R. Weidlein, director of the Mellon Institute of Industrial Research, Pittsburgh, and past president of the society, elected from the third district, comprising Penna., Del., and Thomas Midgley, jr. (reelected director-at-large), of Worthington, Ohio, vice-president of the Ethyl Gasoline Corporation; Prof. Arthur J.

Dr. S. C. Lind

Hill, chairman of the chemistry department of Yale University, reelected from the first district, including Conn., Mass., Rhode Island, Maine, New Hampshire, Vermont, and Canada.

Elected councilors-at-large were:—

George D. Beal, assistant director of the Mellon Institute, Pittsburgh; Henry Gilman, professor of organic chemistry at Iowa State College, Ames, Iowa; Harry N. Holmes, head of the chemistry department of Oberlin College; Prof. Harold C. Urey of Columbia University, Nobel prize winner for his discovery of heavy hydrogen.

Dr. Lind, editor of the "Journal of Physical Chemistry" since 1933, has

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F.T.C. Complaint Hits Hardwood Charcoal Pacts

OPD Washington Bureau
December 23, 1938

Nineteen producers of hardwood charcoal are charged in a complaint issued by the Federal Trade Commission with participating in price-fixing conspiracies for the purpose of eliminating and suppressing price competition in the sale of their product to the wholesale and retail trade. The respondents are:—The Clawson Chemical Company, Ridgway, Pa.; the Custer City Chemical Company, Custer City, Pa.; the Genesee Chemical Company, Genesee, Pa.; the Gray Chemical Company, Roulette, Pa.; the Heinemann Chemical Company, Crosby, Pa.; the Thomas Keery Company, Hancock, N. Y.; the Kinzua Valley Chemical Company, Williamsport, Pa.; the Mayburg Chemical Company, Endeavor, Pa.; the Morris Chemical Company, Smethport, Pa.; the Oswayo Chemical Company, Genesee, Pa.; the Otto Chemical Company, Williamsport, Pa.; the Pennsylvania Charcoal & Chemical Company, East Smethport, Pa.; the Union Charcoal Company, Olean, N. Y., and Harry Treyz, trading as G. H. Treyz & Co., Cooks Falls, N. Y.

Also named as respondents are two non-producing corporations, the Hardwood Charcoal Company, Memphis, Tenn., and the Manufacturers Charcoal Company, Bradford, Pa., which allegedly were organized to act as exclusive sales agents for all but two of the respondent producers.

The Hardwood Charcoal Company, the complaint charges, is the sales agent for the respondents, the Tennessee

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McKesson & Robbins Board Elects Michaels President

Sentiment in all divisions of the drug industry is predominantly hopeful that the wholesale drug structure of McKesson & Robbins, Inc., will be maintained through and beyond the financial and management problems which continue to grow out of the apparent misrepresentations in respect of the corporation's crude drug department. The prevailing hope is that the catastrophe precipitated by the suicide of Philip Musica, president of the corporation under the name of F. Donald Coster will be survived with little damage to the wholesaling divisions, whose business is reported to constitute the majority of the total.

The drug trade has not stopped with hoping, and several new movements have been started to place behind the reorganization of and maintenance of the business the support of the merchandise creditors. Efforts are also being made to coordinate the support of the wholesale drug trade as a whole, and manufacturers are endeavoring to maintain unchanged business relations with the McK. & R. distributing organization.

The directors, at a meeting December 19, discharged from the position of assistant treasurer and assistant vice-president, George Musica, alias George Dietrich, brother of the former president.

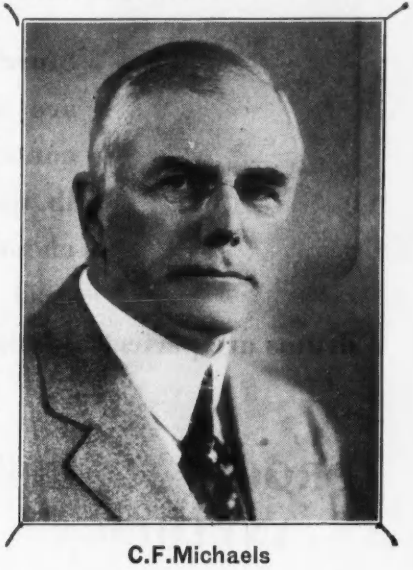
On the same day, C. F. Michaels, executive vice-president and one of the two trustees under the application for Chandler act reorganization, resigned as trustee. The court continued the other trustee, W. J. Wardall, as sale trustee.

Michaels Elected President

December 20 the directors elected C. F. Michaels president of the corporation.

When he submitted his resignation as trustee, Mr. Michaels wrote Federal Judge Alfred C. Coxe as follows:—

On December 8, in the above proceeding, you appointed William J. Wardall as a trustee and myself as an additional trustee. My appointment as trustee was for the purpose of enabling the company to avail itself of my services in the direction of the wholesale drug and liquor business and the distilling business, which is the principal business of the company. Some question has now arisen as to whether I could not accomplish that purpose more effectively as chief executve officer rather than trustee. My resignaton as a trustee would have the further advantage of removing any question of conflict which might arise because I was



C.F.Michaels

for so many years a director and officer of the company, or because I and my family own over 34,000 shares of preferred stock and are now and always have been the largest holder of preferred stock.

Conferences on this matter were held this morning with various creditors' committees, and while no decision was reached by these committees, I believe such action by me has their approval. Subject to your approval, therefore, I should like to tender my resignation as trustee.

It is, of course, essential that confidence in the integrity, ability and experience of the management be rehabilitated as soon as possible, and I, therefore, take this opportunity of outlining my connection with the company and my conception of its present problems.

Background and Experience

I am a native of San Francisco and have been in the wholesale drug business since 1886. At that time I joined my father's firm, Langley & Michaels. This firm was founded in 1850. After Mr. Langley's death my father succeeded to the control of the business. He died in 1920. I succeeded him and managed the business until 1928 when it became a part of McKesson & Robbins, Inc.

McKesson & Robbins, Inc., was a Maryland corporation for whose stock I exchanged the stock of Langley-Michaels Company. A large number of other wholesale concerns throughout the country did likewise, and through the exchange of stock became subsidiaries of McKesson & Robbins, Inc. In 1934 the subsidiaries were consolidated with the parent company. In 1934 I became executive vice-president of McKesson & Robbins, Inc., in charge of the direction of all the wholesale drug business carried on through branches throughout the whole United States. I directed this business from the offices of the company in New York with the assistance of other executive officers with offices in New York and a number of vice-

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N.Y.Chemical, Drug Corporations Dissolved

Albany, Dec. 19, 1938

Listed among the 23,000 stock companies dissolved by proclamation of the Secretary of State on December 15, for failure to file reports and pay corporation taxes for three consecutive years, were nearly 300 drug, chemical, oil, and paint corporations. These corporations have three months in which to pay back taxes and preserve their corporate names.

The names of the corporations dissolved are listed in alphabetical order, not the addresses, but as nearly 90 percent of all new corporations formed are domiciled in Greater New York, it is safe to assume that the same ratio will hold true for dissolutions.

A list of dissolved corporations, which by name are indicated to be drug and chemical, or oil and paint, follows:—

Drug and Chemical

Aberlyons Laboratories, Absolute Remedy Company, Acme Druggists and Hospital Supplies, Addislaigh Drug Company, Agasal Chemical Corporation, Albany Wholesale Drug Corporation, Alexander Laboratory, Alfred Drug Company, American Chemical Products Company, Anacol Laboratories, Anderson & Gordon Laboratory Corporation, Angola Chemical Corporation, Ansonia Chemists, Ar Jay Laboratories, Ardol Rossium Laboratories, Asche Drug Company, Aster Drug Company.

Barnes Laboratories, Baum Laboratories, Bayview Drug Company, Beauvais Laboratories, Beaver Dam Chemical Corporation, Becker Medicine Company, Beekman Pharmacy, Bellrose Drug Company, Berdick's Pharmacy, Bio-Medical Research Laboratories, Bison Magnesia Company, Blackman Chemical Corporation, Blair Chemical Company, Blake Chemical Corporation, Bocan Drug Company, Bowne Park Pharmacy, Brooklyn Chemists, Brooklyn Perfume Syndicate Company, Buckminster Drug Company, Burdou Laboratories, Burnen Chemical Corporation, Burns Drug Corporation.

C. R. C. Drug Corporation, Cameo Cosmetic & Drug Shoppe, Cardinal Drug Corporation, Carlson Drug Stores, Carlyle Drug Company, Casino Drug Company, Central Vermin Exterminating Company, Chateau Pharmacy, Chemart Chemical Corporation, Clark Chemical Company, Clarkson Chemists, Cleo Laboratories, Clinton Drug Stores, Colonial Pharmacy, Colony Drug Company, Continental Chemical Corporation, Cosmetic Brands, Crude Drug Importers, Cufermangan Laboratories, Cutali Chemical Corporation.

DArcy Perfume, Davidson, A., Pharmacy Corporation, De Miracle Chemical Company, Deauville Drug Shop, Doraldina Chemists, Dorchester Chemists, Drikel Chemical Corporation, De Pre, Doris, Laboratories, Ducore, Your Personal Druggists, Dunwall Laboratories.

East Avenue Drug Company, Egyptian Drug Company, Eisler Pharmacy, Inc., Electra Color & Chemical Company, Emacy Drug Stores, Empire Cosmetic Shops, Endurite Hospital Products, Epfil Laboratories, Equity Dental Laboratories, Equity Perfume Shops, Ethical Remedies Association, Everts' Drugs.

F. K. Z. Drug Corporation, Fanne Drug Corporation, Fashion Chemical Corporation, Fecher Soda Fountain Company, Flora Drug Company, Ford Chemical Company, Ford Drug Company, Foresti Cosmetic and Perfume Company, Francine Laboratories, Frankel Drug Corporation, Franklin Drug Company, Freeport Chemists, Furmoto Chemical Company—Eastern Division.

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NO OTHER TYPE OF CONTAINER *deserves more attention* THAN THAT USED FOR CHEMICALS...

One of the "BIG LITTLE THINGS" in MALLINCKRODT Service

No other commodity calls for more care in packing than chemicals. That is why Mallinckrodt containers are made to standards that purchasers of chemicals appreciate. Yet no matter how good the present package may be, Mallinckrodt constantly strives to make it better. Witness the following examples.

"TIGHT AS A DRUM" IS RIGHT

Sturdy, trim and convenient are the fibre drums which contain the 25, 50 and 100-lb. quantities of Mallinckrodt chemicals. The lid comes off easily and fits snugly. The drums are perfect as bulk stock packages.

MODERN as TECHNICOLOR

Made of sparkling, flint glass, Mallinckrodt chemical bottles have wide mouths and sloping shoulders. The contents are readily reached. Clear glass (where chemicals have been proven unaffected by light) shows quantity of chemical. Light-sensitive chemicals are truly protected—by bottles which are black-coated.

PROOF AGAINST PRACTICALLY ANYTHING . . .

The BELL CLOSURE

(Pat. App. For)

for ACID Bottles

Perfected by Mallinckrodt, the new Bell Closure is liquid-tight, gas-tight, dirt-proof and interchangeable. A turn of the cap opens or closes the bottle. The new shipping case for acids is 14 pounds lighter.

ONE WAY PASSAGE

Many of the Mallinckrodt liquid chemicals (as solvents, collodions), are now packed in single trip, no-deposit drums. A special protective lid prevents dust and dirt accumulation on their pouring spouts.

Mallinckrodt CHEMICAL WORKS

CHICAGO
PHILADELPHIA

2nd and Mallinckrodt Sts.
ST. LOUIS, MISSOURI

70-74 Gold Street
NEW YORK, N. Y.

MONTREAL
TORONTO

Current Market Quotations

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When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Prices changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

A

Acacia (see Gum, Arabic)
Acetal, dms., dlvd.....lb. .75 - 1.00
Acetaldehyde, 99%, 55 & 110 gls., dms., dlvd..lb. .14 - —
5 & 10 gal. dms., dlvd....lb. .16 - —
Acetamide, CP, kgs., 1,000-lb. lots, dlvd..lb. .44 - —
tech., kgs., 1,000-lb. lots, dlvd., lb. .39 - —
Acetanilide, tech., bbls.....lb. .22 - —
95% bbls.....lb. .29 - —
USP, cryst., bbls., 2,000 lb. lots lb. .32 - —
smaller lots.....lb. .33 - —
dms., 25 lb. lots.....lb. .38 - —
kgs., 2,000 lb. lots.....lb. .33 - —
smaller lots.....lb. .34 - —
powd., bbls., 2,000 lb. lots..lb. .30 - —
smaller lots.....lb. .31 - —
dms., 25 lb. lots.....lb. .36 - —
kgs., 2,000 lb. lots.....lb. .31 - —
smaller lots.....lb. .32 - —
Acetoacetanilide, dms.....lb. .47 - .55
Acetone, CP, dms., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd. .....lb. .06¼- —
tanks, dlvd. .....lb. .04¾- —
Methyl (see M)
Acetophenone, bots. .....lb. 1.30 - 1.45
cns., 25 lbs. .....lb. 1.15 - 1.25
dms., 100 lbs. .....lb. 1.05 - —
Acetophenetidin, bbls., kgs., 1,000 lbs..lb. 1.00 - —
50 lbs. .....lb. 1.02 - —
25 lbs. .....lb. 1.05 - —
Acid, abietic, dms., c.l., f.o.b. all points in U. S. E of and including Kans., Neb., N.D., Okla., S. D., Texas E. of Austin and Brownsville..lb. .05¾- —
l.c.l., same terms.....lb. .09 - —
Acetic, coml. or redist., 28%, bbls..100 lbs. 2.23 - 2.48
cbys. .....100 lbs. 2.73 - 2.98
50%, bbls. .....100 lbs. 4.15 - 4.40
cbys. .....100 lbs. 4.65 - 4.90
70%, bbls. .....100 lbs. 5.17 - 5.42
cbys. .....100 lbs. 5.67 - 5.92
80%, bbls. .....100 lbs. 5.89 - 6.14
cbys. .....100 lbs. 6.39 - 6.64
glacial, nat., CP., cbys.100 lbs.14.00 - —
99.5%, bbls .....100 lbs. 7.62 - 7.87
cbys. .....100 lbs. 8.12 - 8.37
USP, bbls. .....100 lbs. 10.25 -10.50
cbys. .....100 lbs.10.75 -11.00
synth., 99.5%, al. dms., 100 lbs. 8.43 - 8.68
cbys. .....100 lbs. 8.93 - 9.18
USP, al. dms. ....100 lbs.10.25 -10.50
cbys. .....100 lbs.10.75 -11.00
pure, 30%, bbls.....100 lbs. 3.28 - 3.53
cbys. .....100 lbs. 3.78 - 4.03
36%, bbls. .....100 lbs. 3.66 - 3.91
cbys. .....100 lbs. 4.16 - 4.41
60%, bbls. .....100 lbs. 6.15 - 6.40
cbys. .....100 lbs. 6.65 - 6.90
80%, bbls. .....100 lbs. 7.68 - 7.93
cbys. .....100 lbs. 8.18 - 8.43

Acetic acid price differentials above are for c.l. and l.c.l. quantities; the prices apply div'd at destination in the following States: Conn., Dels., D. of C., Md., Mass., N. J., N. Y., N. and S. Car., R. I., Penna., and Va. For all other States, except Wash., Ore., and Calif., prices are f.o.b. works, frt. equalized.

Acetic, anhydride, dms., c.l., frt. alld..lb. .10½- .11¼
l.c.l., dms., frt. alld.....lb. .12 - .13
Acetylsalicylic, USP, bbls., 200 lbs..lb. .50 - —
boxes, 25 lbs.....lb. .51 - —
kgs, 100 lbs.....lb. .50 - —
Anthranilic, refd., bbls.....lb. 1.15 - 1.20
tech., bbls.....lb. .75 - —
Arsenous, tech. (see Arsenic, White).
USP, powd., dms., kegs...lb. .22 - .25
Ascorbic, bots., dms.....oz. 3.00 - 3.25
Battery, cbys, c.l., E. works, 100 lbs. 1.60 - —
l.c.l., 25 or more, E. works, 100 lbs. 1.85 - —
10-24, E. works....100 lbs. 1.95 - —
1-9, E. works.....100 lbs. 2.55 - —
Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —
USP, bbls., 4,000 lbs. or more lb. .54 - —
1,000 to 3,900 lbs.....lb. .55 - —
900 lbs. or less.....lb. .58 - .59
dms., 4,000 lbs. or more..lb. .55 - .56
1,000 to 3,900 lbs.....lb. .56 - .57
900 lbs. or less.....lb. .59 - .60
Boric, tech., 99.5%, gran., bbls., contracts, 80 tons, delvd. ton.106.00 - —
c.l., dlvd.....ton.111.00 - —
l.c.l., ex whse.....ton.118.00 -123.00
sks, contracts, 80 tons, dlvd..ton.96.00 - —
c.l., dlvd.....ton.101.00 - —
l.c.l., ex whse.....ton.108.00 -113.00
powd., bbls., contracts, 80 tons, dlvd..ton.111.00 - —
c.l., dlvd.....ton.116.00 - —
l.c.l., ex whse.....ton.123.00 -138.00
sks., contracts, 80 tons, dlvd..ton.101.00 - —
c.l., dlvd.....ton.106.00 - —
l.c.l., ex whse.....ton.113.00 -128.00
USP, $25 per ton higher.
Broenner's, bbls.....lb. 1.11 - —
Butyric, 99%, dms., c.l., S. Charleston, W. Va...lb. .22 - —
l.c.l., same basis.....lb. .23 - —
tanks, same basis.....lb. .21 - —
Camphoric, cns.....lb. 5.50 - 5.70
Capric, dms.....lb. .12 - .12½
Caproic, dms., works.....lb. .35 - .40
Carbolic (see Phenol).
Castor oil, split, dms.....lb. .17½- .18
Chinawood oil, dms.....lb. .16 Nom.
Chlorosulphonic, dms., c.l., works..lb. .03½- —
5-drum lots, works.....lb. .04 - —
single drum.....lb. .05 - —
tanks, works.....lb. .03 - —
Chromic, 99%, dms., delvd. N.Y..lb. .15¼- .17¼
Cianamic, refd., bots.....lb. 2.85 - 3.25
Citric, cryst., gran., bbls., car lots..lb. .22 - —
Acid, citric, cryst., gran., 10,000 lb., lots, one shipt., lb. .22¼- —
smaller lots.....lb. .23 - —
kegs .....lb. .23½- —
anhyd., gran, dms., 10,000 lbs. 1 shipt..lb. .25 - —
smaller lots .....lb. .25½- —

Citric acid quotations on powder are ½c. higher than on granular. Keg packing is ½c. higher than barrels. Prices are f.o.b., N. Y. Chicago and St. Louis deliveries are ½c. higher than N. Y.

Cleve's, bbls. .....lb. .57 - —
Coconut oil, dist., dms.....lb. .09¼- .09¾
Corn, dist., dms.....lb. .08¼- .08¾
Cottonseed oil, dist., dms....lb. .06¾- .07¼
tanks .....lb. .06¼- —
Cresylic, high-boil, special resin grade, dom., c.l., works, frt. equaled.....gal. .63 - —
l.c.l., same basis.....lb. .64 - —
High-boil, other grades, dom., c.l., frt. equaled.....gal. .58 - —
l.c.l., same basis.....gal. .59 - —
low-boil, dms., c.l., works frt. equaled..gal. .69 - —
l.c.l., same basis.....lb. .71 - —
imported, pale, dms., l.c.l.gal. .62 - .66
dark, dms., l.c.l.....gal. .61 - —
Crotonic, bbls., dlvd.....lb. .21 - —
smaller containers, dlvd....lb. .50 - —
Diethylbarbituric (see Barbital))
Formic, dom., seaboard, 90% cbys., f.o.b. stock points, c.l...lb. .10½- —
l.c.l., 25 and over.lb. .11 - —
1-24 .....lb. .11½- —
inland territory, cbys., c.l.lb. .1185- —
l.c.l., 25 and over.....lb. .1235- —
1-24 .....lb. .1285- —
southern territory, cbys., c.l., lb. .1170- .1240
l.c.l., 25 and over.....lb. .1220- .1290
1-24 .....lb. .1270- .1340
Fumaric, bbls. .....lb. .75 - —
Gallic, tech., bbls.....lb. .70 - .75
N. F., VI, bbls., 200 lbs., 5 or more..lb. .77 - —
single bbls. .....lb. .80 - —
fib. dms., 25 lbs.....lb. .81 - —
Gamma, bbls. .....lb. .85 - —
Gluconic, tech., 50%, bbls., 500 lbs..lb. .20 - —
H, bbls. .....lb. .45 - —
Hempseed oil, dms.....lb. .1180- .1230
Hydriodic, 47%, bots.....lb. 2.50 - —
5-lb. bots.....lb. 2.51 - —
57%, bots.....lb. 2.75 - 2.90
Hydrobromic, 10% dilut., USP, lb. .20 - .21
pure, 34% conct, cbys.....lb. .42 - .44
Hydrochloric (see Muriatic).
Hydrocyanic, cyls, works...lb. .80 - 1.00
Hydrofluoric, 30%, bbls.....lb. .07 - .0750
lead, cbys. .....lb. .09 - .0950
48%, lead cbys.....lb. .1150- .12
52%, lead cbys.....lb. .1250- .13
60%, lead cbys.....lb. .15 - .1550
Hydrofluosilicic, 30-35%, 420 lb. bbls..lb. .09 - .09½
Hypophosphorus, USP, 30%, djus..lb. .75 - —
Lactic, tech., dark, 22%, bbls., c.l., works..100 lbs. 2.50 - —
l.c.l., bbls., works..100 lbs. 2.75 - —
cbys., works....100 lbs. 3.75 - —
44%, bbls., c.l., works, 100 lbs. 5.50 - —
l.c.l., bbls., works..100 lbs. 5.75 - —
cbys., works....100 lbs. 6.75 - —
light, 22%, bbls., c.l., works, 100 lbs. 3.50 - —
l.c.l., bbls., works..100 lbs. 3.75 - —
cbys., works....100 lbs. 4.75 - —
44%, bbls., c.l., works, 100 lbs. 6.50 - —
l.c.l., bbls., works..100 lbs. 6.75 - —
cbys., works....100 lbs. 7.75 - —
50%, edible, 20 and over, bbls., cbys..lb. .10½- .11¼
plastic grade .....lb. .12¼- .13¼
5 to 19, edible, bbls., cbys., lb. .11 - .12
plastic grade.....lb. .12¾- .13¾
1 to 4, edible, bbls., cbys., lb. .11½- .12¼
plastic grade.....lb. .13¼- .14½
80%, 5 and over, bbls., cbys..lb. .21 - .23
1 to 4 bbls., cbys.....lb. .21½- .23¼
USP, XI, 85%, cbys.....lb. .43 - .45
USP VIII, 75%, cbys.....lb. .41 - .43
Lauric, dist., tech., dms....lb. .11¾- .12¼
Laurent's, bbls.....lb. .45 - —
Levulinic, 5lb. bots., works.lb. 2.00 - —
Linseed, oil, dark or light, dms..lb. .1100- .1160
extra white, dist., dms....lb. .12½- .13
Maleic, powd., dms.....lb. .30 - —
anhydride, dms., c.l. .....lb. .25 - —
dms., l.c.l. .....lb. .26 - —
Malic powd., kegs.....lb. .47 - —
Mandelic, bots.....lb. 2.50 - —
dms., 1,000 lbs...lb. 1.90 - —
smaller lots .....lb. 2.15 - —
Mixed, tanks, nitric unit....lb. .05 - .06
sulphuric unit.....lb. .0085- .009
Molybdic, kgs., works.....lb. .95 - 1.10
Monochloroacetic, tech., bbls.lb. .15 - .18
Monosulphonic, bbls. .....lb. 1.50 - 1.60
Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.50 - —
l.c.l., 25 and over, E. works..100 lbs. 1.75 - —
10 to 24, works..100 lbs. 1.85 - —
1 to 9, works..100 lbs. 2.45 - —
tanks, works.....100 lbs. 1.05 - —
20°, cbys., c.l., E. works, 100 lbs. 1.75 - —
l.c.l., 25 and over, works, 100 lbs. 2.00 - —
10 to 24, works..100 lbs. 2.10 - —
1 to 9, works..100 lbs. 2.70 - —
tanks, works.....100 lbs. 1.15 - —
22°, cbys., c.l., E. works, 100 lbs. 2.25 - —
l.c.l., 25 and over, works, 100 lbs. 2.50 - —
10 to 24, works..100 lbs. 2.60 - —
1 to 9, works..100 lbs. 3.20 - —
tanks, works.....100 lbs. 1.65 - —
C.P., USP, dealers, cbys....lb. .06½- —
6-lb. bots.....lb. .18½- —
consumers, cbys.....lb. .06 - —
6-lb. bots.....lb. .20 - —
Myristic, dist., dms.....lb. .15¾- .16¼
Acid, naphthenic, acidity, 120-200 dms., c.l..lb. .07 - —
210-230, dms., c.l.....lb. .09 - —
Naphthenic, acidity, 240-280 dms., c.l..lb. .10 - —
Sludge, dms., c.l.....lb. .05 - —
Nitric, 36°, cbys., c.l., E. works, 100 lbs. 5.00 - —
l.c.l., 25 and over, E. works..100 lbs. 5.25 - —
10 to 24, works..100 lbs. 5.35 - —
1 to 9, works..100 lbs. 5.95 - —
38°, cbys., c.l., E. works, 100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —
l.c.l., 25 and over, E. works...100 lbs. 5.75 - —
10 to 24, works..100 lbs. 5.85 - —
1 to 9, works..100 lbs. 6.45 - —
40°, cbys., c.l., E. works.....100 lbs. 6.00 - —
l.c.l., 25 and over, E. works..100 lbs. 6.25 - —
10 to 24, works. 100 lbs. 6.35 - —
1 to 9, works..100 lbs. 6.95 - —
42°, cbys., c.l., E. works, 100 lbs. 6.50 - —
l.c.l., 25 and over, works, 100 lbs. 6.75 - —
10 to 24, works..100 lbs. 6.85 - —
1 to 9, works..100 lbs. 7.45 - —
C.P., USP, dealers, cbys...lb. .11½- —
7-lb. bots.....lb. .22½- —
consumers, cbys.....lb. .13 - —
7lb. bots.....lb. .24 - —
Oleum (see sulphuric fuming).
Oxalic, dom., bbls., c.l., works, lb. .10¾- —
10,000 lbs., and over....lb. .11 - —
smaller quantities.....lb. .12 - .14
Palm oil, white, dist., dms..lb. .06¼- .06¾
tanks .....lb. .05¾- —
Perilla, dist., dms.....lb. .14 - .14¼
Phenylacetic, bots. .....lb. 1.75 - 3.00
Phosphoric, ortho, tech., 50%, cbys..lb. .06 - —
75%, cbys. .....lb. .07½- —
USP, 85%, s. g. 1.710, cbys., 180 lbs..lb. .13 - —
50% s. g., 1347, cbys., 70 lbs..lb. .12 - —
drs., 25 lbs.....lb. .15 - —
10%, dilut., cbys., drs..lb. .07 - .07½
Picramic, kgs.....lb. .65 - .70
Picric, bbls.....lb. .35 - —
Propionic ref., cbys., works..lb. .25 Nom.
dms., works.....lb. .22 Nom.
tech., cbys., works.....lb. .20 Nom.
dms., works.....lb. .16 Nom.
Pyrogallic, tech., lump, powd., bbls..lb. 1.05 - —
cns. .....lb. 1.10 - —
USP, cryst, cns.....lb. 1.45 - 1.65
resubl., cns.....lb. 2.05 - 2.15
Pyroligneous, bbls., dlvd. E. gal. .25 - —
Ricinoleic, dms .....lb. .35 - —
tech., bbls.....lb. .13 - —
Salicylic, tech., bbls.....lb. .33 - —
USP, bbls.....lb. .35 - .40
Sebacic, C.P., bbls., works..lb. No prices.
tech., bbls., works.....lb. No prices.
Soybean oil, dist., dms.....lb. .09 - .09¼
Stearic, distil., double pressed, bgs., dlvd..lb. .10 - .11
single pressed, bgs., dlvd..lb. .09½- .10½
triple pressed, bgs., dlvd..lb. .12¾- .13¾
saponif., double pressed, bgs., dlvd..lb. .10¼- .11¼
triple pressed, bgs., dlvd..lb. .13 - .14
Succinic, bbls.....lb. .75 - —
Sulphanilic, CP, bots, works.lb. 1.60 - 1.65
tech., dms., works.....lb. .17 - —
Sulphonaphthenic, dms.....lb. .04 - .10
Sulphuric, 60°, cbys., c.l., E. works..100 lbs. 1.25 - —
l.c.l., 25 and over, works, 100 lbs. 1.50 - —
10 to 24, works..100 lbs. 1.60 - —
1 to 9, works..100 lbs. 2.20 - —
tanks, E. works.....ton.13.00 - —
66°, cbys., c.l., E. works, 100 lbs. 1.50 - —
l.c.l., 25 and over, works, 100 lbs. 1.75 - —
10 to 24, works..100 lbs. 1.85 - —
1 to 9, works..100 lbs. 2.45 - —
tanks, E. works.....ton.16.50 - —
98°, tanks, works.....ton.17.50 - —
C.P., USP., dealers, cbys., lb. .06½- —
9-lb. bots. .....lb. .16½- —
consumers, cbys. .....lb. .06 - —
9-lb. bots. .....lb. .18 - —
fuming, 20%, tanks, E. works, ton.18.50 - —
65%, tanks, E. works....ton.26.00 - —
Tannic, tech., bbls., dms...lb. .40 - .47
USP, fluffy, bbls., 1,000 lb.- 100-lb. lots .....lb. .90 - —
25-lb. lots .....lb. .93 - —
powd., bbls., 1,000 lbs....lb. .78 - —
smaller lots .....lb. .80 - —
Tartaric USP, dom., cryst., gran., powd., bbls., 10,000 lbs. or more, one shipment..lb. .27¼- —
smaller quantities.....lb. .27¾- —
kgs. .....lb. .28¼- —
Tobias, bbls. .....lb. .65 - —
Trichloroacetic, bots. .....lb. 2.00 - 2.50
Tungstic, CP, kgs., works....lb. 2.60 - 2.85
tech., kgs., works.....lb. 1.65 - 1.75
Aconite, leaves, bls.....lb. .25 - .26
Root, bls.....lb. .28 - .30
Aconitine, amorph., bots.....oz.17.00 -18.00
vis. .....gr. .06 - .09
cryst., bots.....oz.30.00 - —
vis. .....gr. .09 - .11
Adeps lanae, anhyd., dms.....lb. .17½- .19
hyd., dms.....lb. .16 - .18
Agar 1, bls.....lb. .90 - .91
2, bls.....lb. .85 - .86
3, bls.....lb. .63 - .65
Agaric, white, bls.....lb. 3.00 - 3.20
Albumen, blood, dark, flake, bgs., f.o.b. Chicago, frt. alld....lb. .13 - —
pow'd, grade A, same basis, ton lots..lb. .15 - —
smaller lots, same basis, lb. .18 - —
light, dom., flake, dms., f.o.b., Chicago., frt. alld. lb. .52 - .60
import, bgs.....lb. .52 - .60
Egg, ed., dom., cryst., bbls., lb. .75 - .77
dom., pwd., dms., bbls., lb. .80 - .82
import, cs.....lb. .75 - —

Alcohol, amyl (see also Fusel oil, refd.), ex pentane dms., c.l., frt. alld..lb. .11¢ - —
l.c.l., frt. alld.....lb. .12¢ - —
tanks, frt. alld.....lb. .10¢ - —
Benzyl, cans.....lb. .68 - —
drums .....lb. .65 - —
butyl, normal, dms., c.l., frt. alld..lb. .09½- —
l.c.l., frt. alld.....lb. .10 - —
tanks, frt. alld.....lb. .08½- —
secondary, dms., c.l., frt. pd., E. of Rocky Mts..lb. .07 - —
l.c.l., same terms....lb. .07½- —
tanks, same terms.....lb. .06 - —
tertiary, denating, dms., frt. alld..lb. .14 - —
Capryl, pure, dms., works...lb. 2.50 - —
tech., dms., works.....lb. .85 - —
Cetyl, dom., C.P., fiber ctns., 1,000 lbs..lb. 1.50 - —
500 lbs.....lb. 1.70 - —
100 lbs.....lb. 1.80 - —
25 lbs.....lb. 1.90 - —
5 lbs.....lb. 2.00 - —
com'l., dms.....lb. .95 - —
import, 85%, 100 lb. dms...lb. .55 - —
5 to 10 lbs.....lb. .75 - —
coml., dms., 350 lbs.....lb. .45 - —
Cinnamic, bots.....lb. 2.00 - 2.90
Denatured, CD14, dms., c.l., works, E..gal. .32 - —
l.c.l., works, dms.....gal. .34 - —
tanks, E., works.....gal. .24 - —

Prices for territories other than E. of Rockies are 4c. per gal., in tanks, and 5c. per gal., in dms., higher. Tankcar sales require written authorization by Alcohol Tax Unit.

SDI, 190 pf., bbls., c.l., E. works..gal. .29 - —
19 bbls., E. works..gal. .31 - —
gal. .34 - —
1 to 18 bbls., E. works, gal. .34 - —
dms., c.l., E. works....gal. .28 - —
19 dms., E. works....gal. .30 - —
1 to 18 dms., E. works, gal. .33 - —
tanks, E. works.....gal. .22 - —

Anhydrous, 5c. per gal. higher.

SD-2B., dms., c.l., works., E. gal. .27 - —
19 dms., works, E....gal. .29 - —
1 to 18 dms., works, E. gal. .32 - —
tanks, E., works.....gal. .21 - —
SD23-G, works, E., dms.gal. .32½- —
19 dms.....gal. .34½- —
1 to 18 dms.....gal. .37½- —
tanks .....gal. .26½- —

Prices for territories other than E. of Rockies are 4c. per gal., in tanks, and 5c. per gal., in dms., higher.

Special solvent, dms., c.l., E., works..gal. .29 - —
20 dms., E. works....gal. .31 - —
1 to 19 dms., E. works, gal. .34 - —
tanks, E. works.....gal. .23 - —

Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone, pure, contract, dms., c.l., frt. alld..lb. .11½- —
l.c.l., frt. alld.....lb. .12 - —
tanks, dlvd.....lb. .10½- —
tech., contract, dms., c.l., frt. alld..lb. .10½- —
l.c.l., frt. alld.....lb. .11 - —
tanks, dlvd.....lb. .09½- —
Ethyl, 190 pf., ex molasses, bbls., c.l., gal. 4.35½- —
19 bbls.....gal. 4.57½- —
1 to 18 bbls.....gal. 4.60½- —
dms., c.l.....gal. 4.54½- —
19 dms.....gal. 4.56½- —
1 to 18 dms.....gal. 4.59½- —
tanks .....gal. 4.48½- —
absolute, dms., c.l.....gal. 4.87 - —
19 dms.....gal. 4.89 - —
1 to 18 dms.....gal. 4.92 - —

Grain alcohol 25c. per gal. higher.

Furfuryl, tech., cns., works..lb. .85 - —
dms., c.l., 33,000 lbs., works, lb. .20 - —
l.c.l., 500 lbs. and more, works..lb. .25 - —
Isoamyl, primary, dms., l.c.l., dlvd..lb. .27 - —
cans, works.....lb. .32 - —
Isobutyl, refd., dms., c.l., works, frt. alld. E. of Rockies..lb. .08½- —
l.c.l., same terms.....lb. .09 - —
tanks, same terms.....lb. .07½- —
Isopropyl, refd., 91%, dms., c.l., f.o.b. dest..gal. .23½- —
l.c.l., same basis.....gal. .28½- —
tanks, same basis.....gal. .23½- —
99%, dms., c.l., same terms, gal. .36 - —
l.c.l., same terms....gal. .41 - —
tanks, same terms.....gal. .31 - —
Methyl (see Methanol)
Phenylethyl, bots., cns.....lb. 2.70 - 3.25
Propyl (see Isopropyl)
Propyl, normal, dms., works, gal. .70 - —
Aldehol, denat., grade, dms., tanks, works..gal. .70 - .72
Aldehyde bisulphite bbls., dlvd., lb. .17 - —
smaller containers.....lb. .20 - —
Aldol, 95%, 55 and 110 gal. dms., dlvd..lb. .20 - —
5 and 10 gal. dms., dlvd...lb. .23 - —
Aletris root, bgs.....lb. .40 - .45
Alizarin (see Red, alizarin).
Alkanet root, bgs.....lb. .11 - .12
Aloe, Barbados, true, cs.....lb. .35 - .90
Cape, cs.....lb. .20 - .30
Curacao, cs.....lb. .42 - .45
gourds, bbls.....lb. .30 - .35
Socotrine, kgs.....lb. .45 - .50
Aloin, 140-lb. bbls.....lb. 2.65 - 2.80
100-lb. kgs.....lb. 2.67 - 2.80
25-lb. fib. dms.....lb. 2.74 - 2.89
Alphanaphthol, bbls.....lb. .53 - —
Alphanaphthylamine, bbls.....lb. .32 - —
Althea root, cube cut, bbls....lb. .30 - .33
Alum, ammonia, burnt, USP, bbls., kgs..lb. .10 - .15
gran., bbls., works....100 lbs. 3.15 - —
dlvd. N.Y. Phila....100 lbs. 3.15 - —
lump, bbls., works....100 lbs. 3.40 - —
dlvd., N.Y., Phila..100 lbs. 3.40 - —

Alum—Black, Lamp

Alum, ammonia, powds., bbls., works..100 lbs. 3.55 - —
divd. N. Y., Phila..100 lbs. 3.55 - —
powd., bbls., works...100 lbs. 3.55 - —
divd., N. Y., Phila...100 lbs. 3.55 - —

Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rates, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex warehouse deliveries all metrop. zones (except N.Y.) divd. N.Y. prices apply to truck or ex warehouse.
add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point;

Potash, gran., bbls., works.. 100 lbs. 3.40- 3.65
divd. N.Y., Phila..100 lbs. 3.40 - —
lump, bbls., works....100 lbs. 3.65 - 3.90
divd. N.Y. Phila..100 lbs. 3.65 - —
powd., bbls., works....100 lbs. 3.80 - 4.05
divd. N.Y., Phila..100 lbs. 3.80 - —

Potash alum prices on same basis as those for ammonia alum.

Potash-chrome, bbls.....lb. .06¼- .06½
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., divd.....100 lbs. 4.25 - 5.00

Alumina acetate, 20% normal solut., bbls., c.l., divd..lb. .07½- —
l.c.l., divd.....lb. .09 - —
33%, basic solut., bbls., c.l., divd..lb. .10 - —
l.c.l., divd.....lb. .12 - —
basic powd., bbls., divd.....lb. .40 - —
smaller containers, divd. lb. .50 - —

Chloride, anhyd., com'l, dms. (extra), 45,000 lbs. and over, works..lb. .06 - —
12,000 to 40,000 lbs, works..lb. .07 - —
1,100 to 11,000 lbs., works. lb. .08 - —
140 to 875 lbs., works.lb. .09 - —
100 lbs., or less, works.lb. .10 - —
cryst., com'l, dms., c.l., works lb. .06 - —
l.c.l., dms., works.....lb. .06½- —
solution, 32 deg., cbys., c.l., works..lb. .02¾- —
l.c.l., cbys., works.....lb. .03¼- —
Formate, 80% solut., bbls., c.l., divd..lb. .13 - —
l.c.l., divd.....lb. .15 - —
Hydrate, heavy, bbls., c.l., works..lb. .0290- —
l.c.l., bbls.....lb. .03½- —
bgs., c.l.....lb. .0260- —
light, bbls., divd.....lb. .12 - —
Oleate, dms., contr.....lb. .16¾- —
open order.....lb. .17½- .19¼
Palmitate, precip., bbls.....lb. .23 - —
Resinate, precip., dms., divd.lb. .15 - —
Stearate, precip., bbls., ctns., c.l..lb. .19 - —
l.c.l., ton.....lb. .20 - —
less than ton.....lb. .21 - —
Sulphate, com'l, bgs., c.l. works, frt. equaled.100 lbs. 1.15 - —
l.c.l., works, frt. equald.. 100 lbs. 1.40 - —
bbls., c.l., works, frt. equald. 100 lbs. 1.35 - —
l.c.l., works, frt. equald. 100 lbs. 1.60 - —
iron-free, bgs., c.l., works... 100 lbs. 1.30 - —
l.c.l., works....100 lbs. 1.55 - —
bbls., c.l., works....100 lbs. 1.50 - —
l.c.l., works.....100 lbs. 1.75 - —
Aluminum, 98-99%, c. l.....lb. .20 - —
l.c.l. .....lb. .21 - —
paste, lining, extra fine, dms., 1,500 lbs..lb. .65 - —
ink, dms., 1,500 lbs....lb. .75 - —
standard, dms., 1,500 lbs..lb. .45 - —
powder, lining, extra fine, dms., 1,500 lbs..lb. .92 - —
standard, dms., 1,500 lbs.lb. .57 - —
litho, extra brilliant, dms., 1,500 lbs..lb. .43 - —
extra fine, dms., 1,500 lbs.lb. .47 - —
lining, dms., 1,500 lbs....lb. .57 - —
standard, dms., 1500 lbs..lb. .42 - —
rubber compound, dms., 1,500 lbs..lb. .40 - —
unpolished, dms., 1,500 lbs.lb. .37 - —
varnish, extra brilliant, dms., 1,500 lbs..lb. .43 - —
extra fine, dms., 1,500 lbs.lb. .47 - —
standard, dms., 1,500 lbs.lb. .42 - —

Aluminum paste and powder prices for lots smaller than 1,500 lbs. are 5c. per lb. higher for less than 200 lbs.; 2c. per lb. higher for 200-400 lbs.; and 1c. per lb. higher for 400-1,500 lbs., for partial shipments on contracts, prices are 3c. per lb. higher on lots of less than 200 lbs.; 1c. per lb. higher for 200-400 lbs.; and ½c. per lb. higher for 400-1,500 lbs.; for containers smaller than drums, prices are 1c. per lb. higher for 100 lbs.; 1½c. per lb. for 50 lbs.; 3c. per lb. for 10 lbs.; 5c. per lb. for 2 lbs.; 8c. per lb. for 1 lb.; and 12c. per lb. for ¼ lbs.; on single shipments of 5,000 lbs. prices are 1c. per lb. lower; for 30,000 lbs. prices are 2c. per lb. lower. Transportation allowed East of Mississippi.

Ambergris, gray, tins.....oz. 17.00 -36.00
Aminopyrine, fib., dms., 100 lbs. lb. 4.00 - —
bots., 5 lbs. .....lb. 4.22 - 4.25
Ammonia, acetate, bbls., kgs., divd..lb. .27 - .33
dms., divd.....lb. .23 - .26
Aldehyde, dms.....lb. .65 - .70
Anhydrous, fertilizer, com'l, tanks (50,000 lbs.), works..lb. .04½- —
refrigeration, tanks, works.. lb. .05 - —
pure, cyls., divd., met. N.Y.lb. .16 - —

Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.

Aqua, 26°, cbys.....lb. .05 - —
dms., c.l.....lb. .02 - —
l.c.l. .....lb. .02½- —
tanks (on NH_3 content), f.o.b. S. Chicago or Detroit. lb. .04 - —
grade B (ammonia liquor) tanks (on NH_3 content), f.o.b. Chicago or Detroit..lb. .03¾- —
Benzoate, dms., 4,000 lbs. or more..lb. .40 - .42
1,000 lbs. to 3,900 lbs....lb. .41 - .43
900 lbs. or less.....lb. .42 - .46
kgs., 4,000 lbs. or more....lb. .40 - —
1,000 lbs., to 3,900 lbs...lb. .41 - —
900 lbs. or less.....lb. .42 - —
Bicarbonate, bbls., c.l., works.. 100 lbs. 5.15 - —
l.c.l., dlvd. N. Y....100 lbs. 5.75 - —
Bichromate, bbls.....lb. .30 - .32
Bifluoride, bbls.....lb. .14½- .16½
Borate, bbls., kgs.....lb. .15 - .16
Bromide, gran., bbls.....lb. .35 - —
bxs. .....lb. .38 - .39
kgs. .....lb. .30 - —
Carbonate, tech., dom., bbls. lb. .08 - .12½
imported, csks. .....lb. .08 - .12½
USP, lump, dms.....lb. .08 - .17
powd., bbls., dms.....lb. .09 - .25
Chloride, tech. (see Ammoniac, sal).
USP, gran., 225 lb. bbls....lb. .12 - .13
100 lb. kgs. .....lb. .15 - —

Ammonia, citrate, dms.....lb. .80 - —
cns. .....lb. .85 - —
Fluoride, bbls.....lb. .17 - .19
Hydroxide, (see Ammonia, aqua),
Hypophosphite, fib., dms.....lb. 1.10 - 1.17
jars .....lb. 1.20 - —
Iodide, 5-lb. bots.....lb. 3.52 - —
jars .....lb. 3.45 - —
Laurate, bbls .....lb. .24 - —
Linoleate, 80%, anhyd., bbls. lb. .13 - —
Molybdate, kgs., wks.....lb. 1.05 - 1.20
Naphthanate, bbls. .....lb. .18 - —
Nitrate, tech., bgs., c.l., works. 100 lbs. 3.60 - —
l.c.l., works.....100 lbs. 3.85 - —
bbls., c.l., works.....100 lbs. 3.80 - —
l.c.l., works.....100 lbs. 4.05 - —
Oleate, dms. .....lb. .15 - —
Oxalate, neutral, powd., bbls., kgs..lb. .19 - .20
Perchlorate, kegs.....lb. .16 -
Persulphate, kgs.....lb. .21 - .22
Phosphate, dibasic, N.F.V., bls., lb. .37 - —
kgs. .....lb. .39 - —
tech., bbls., c.l. .....lb. .07½- —
l.c.l. .....lb. .09 - .10
monobasic, crude (fert. grade). 11% N 18% phos. bulk, f.o.b. E. works.. unit-ton. 1.20 & .70
pure, bbls. .....lb. .40 - .45
tech., bbls., c.l. .....lb. .07½- —
l.c.l. .....lb. .09 - .10
Ricinoleate, bbls. .....lb. .16 - —
Salicylate, U.S.P., kgs.....lb. 1.15 - 1.20
Silicofluoride, imp., 350-lb. bbls., f.o.b. N. Y..lb. .09 - —
5 bbls., same basis.....lb. .06½- —
Stearate, anhydrous .....lb. .23 - —
paste .....lb. .06 - —
Sulphate, dom., bulk, c.l., f.o.b. December shipt.....ton. 27.75 - —
Jan.-June, 1939 shipt.. ton. 28.00 - —

Ammonia sulphate prices are f.o.b. cars nearest Atlantic or Gulf port, and/or $1 per ton less than above prices f.o.b. cars nearest inland producing oven, whichever is lower to destination.

Sulphide, liquid, 35-45%, basis 100%, dms., works..lb. .12 - .13
tanks, delvd. .....lb. .11 - —
Sulphocyanide, pure, 99-100%, kgs..lb. .55 - .75

Ammoniac, gum (see Gum, ammoniac).
sal. gray, dom., bbls., c.l., 100 lbs. 5.50 - 5.75
l.c.l. .....100 lbs. 6.00 - 6.70
Sal, white, gran., dom., bbls., contracts, N. Y., l.c.l. 100 lbs. 4.90 - 5.05
import, csks. .....100 lbs. 4.90 - 5.05
Amyl acetate, ex fusel oil, dms., c.l., divd..lb. .10½- —
l.c.l., divd.....lb. .11 - —
tanks, divd.....lb. .09½- —
cns., works.....lb. .15 - .17
ex pentane, dms., frt. alld.lb. .11 - —
l.c.l., frt., alld.....lb. .12 - —
tanks, frt., alld.....lb. .10 - —
Alcohol (see Alcohol amyl).
Butyrate, dms., 50 gal., returnable..lb. .75 - —
Caproate, cns.....lb. 2.75 - —
Chloride, normal, dms., works, lb. .56 - —
small lots, works.....lb. .68 - —
mixed, tech., dms., c.l., works..lb. .07 - —
l.c.l., works.....lb. .077 - —
tanks, works.....lb. .06 - —
Cinnamic aldehyde, cns.....lb. 2.00 - 2.25
Nitrite, bots.....lb. 1.80 - 1.85
Mercaptan, dms., l.c.l., works.lb. 1.10 - —
Oleate, dms., l.c.l., works....lb. .25 - —
Salicylate, bots., 5 lbs.....lb. .61 - —
cns., 25 lbs.....lb. .51 - —
Stearate, dms., l.c.l., works..lb. .26 - —
Amylene, dms., c.l., works....lb. .102 - —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
Anethol, bots. .....lb. 1.00 - 1.05
Angelica root, dom., bls.....lb. .18 - .20
import, natural, bls.....lb. .20 - .22
twisted, bls.....lb. .30 - .40
Angostura bark, bls.....lb. .30 - .31
Anilin oil, dms., c.l.....lb. .15 - —
l.c.l. .....lb. .16 - —
tanks .....lb. .14½- —
Salt, dms., works.....lb. .22 - .24
Anise, Spanish, bgs.....lb. .16¼- .16½
Star, bgs.....lb. .15 - .16
Anisic aldehyde, bots.....lb. 3.00 - 3.10
Annatto paste, bxs.....lb. .34 - .39
seed, bgs .....lb. .07½- .08
Anthracene, 80-85%, bbls., wks., lb. .55 - —
90%, bbls., wks.....lb. .65 - —
Anthraquinone, 99.5%, subl., bbls., lb. .65 - —
Antimony butter (see Antimony chloride)
Chloride, solut., cbys.....lb. .17 - —
Metal, spot.....lb. .11¼- —
Needle, powd., ton lots, bulk, lb. .12½- —
bbls. .....lb. .13½- —
Oxide, bbls., c.l.....lb. .11½- —
l.c.l. .....lb. .12¼- —
Salts, 65%, kgs.....lb. .26 - .27
White, pigment, bgs., c.l., Texas works, frt. alld. to ½c..lb. .11½- .14¼
Antipyrene, bbls., kgs., ton lots, lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.15
Apomorphine, bots.....oz. 23.20 -23.70
Archil extract, con., bbls.....lb. .21 - .27
double, bbls.....lb. .18 - .20
triple, bbls.....lb. .18 - .20
Areca nuts, powd., bbls.....lb. .11 - .12
Arecoline hydrobromide, bots..oz. 4.35 - 4.50
Argols, test 70% to 85%, basis 100%, 100 kgm., purity, 100 kilos. 32.00 -34.00
Arnica flowers, bls.....lb. .30 - .31
Root, bls.....lb. .38 - .40
Arrowroot, St. Vincent, powd., bgs..lb. .08 - .08¾
bbls. .....lb. .08¼- .09
Arsenic, metal, lump, cs.....lb. .40 - .41
Chloride (arsenous), cns.....lb. 4.85 - —
Iodide (arsenous), 5-lb. bots.lb. 5.85 - —
jars .....lb. 5.20 - —
Red, import, cs.....lb. .15¾- .16½
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l.....lb. .03 - —
l.c.l. .....lb. .03¾- —
Asafetida, cs.....lb. .23 - .24
powd., bbls., bxs.....lb. .37 - .38
Asbestine (see Talc, N. Y. fibrous).
Asbestos fiber, 6M, bgs., c.l. (20 tons), Canad. mines..ton. 42.50 - —
5R, bgs., c.l. (20 tons), Canad. mines..ton. 40.00 - —
6D, bgs., c.l. (30 tons), Canad. mines..ton. 30.00 - —
7D, bgs., c.l. (30 tons), Canad. mines..ton. 25.00 - —
7F, bgs., c.l. (30 tons), Canad. mines..ton. 23.00 - —
7H, bgs., c.l. (30 tons), Canad. mines..ton. 19.00 - —
7K, bgs., c.l. (30 tons), Canad. mines..ton. 16.50 - —
7M, bgs., c.l. (30 tons), Canad. mines..ton. 14.00 - —

Asphaltum, Barbados, A, bgs., 20 tons, f.o.b. N. Y.....lb. .02½- —
smaller lots, f.o.b. N. Y.lb. .03¼- —
AA, bgs., 20 tons, f.o.b. N.Y. lb. .03½- —
smaller lots, f.o.b. N. Y..lb. .10½- —
California, dms., c.l., f.o.b. N. Y..ton. 29.00 - —
l.c.l., f.o.b. N. Y.....ton. 36.50 - —
Cuban A, bgs., c.l., f.o.b. N. Y. ton. 60.00 - —
l.c.l., f.o.b. N. Y.....ton. 90.00 - —
B, bgs., c.l., f.o.b. N. Y..ton. 35.00 - —
l.c.l., f.o.b. N. Y.....ton. 55.00 - —
Egyptian, bgs., c.l., f.o.b. N.Y. lb. .12 - —
l.c.l., f.o.b. N. Y.....lb. .15 - —
Gilsonite, brilliant black, bgs., c.l., Western shipt. points, ton. 32.90 - —
seconds, bgs., c.l., Western shipt. points..ton. 25.50 - —
selects, bgs., c.l., Western shipt. points..ton. 30.50 - —
l.c.l., f.o.b., N. J. or N. Y., whse..ton. 51.00 - —
Jet., bgs., c.l., Western shipping points..ton. 30.50 - —
Manjak (see Asphaltum, Barbados).
Mexican, Texas, dms., c.l., refinery..ton. 19.00 - —
l.c.l., refinery.....ton. 21.00 - —
tanks, refinery.....ton. 16.00 - —
Petroleum, cut-back, bbls., l.c.l., E. cst., refinery..gal. .18 - —
dms., c.l., E. cst., refinery, gal. .12 - —
tanks, Calif., refinery...ton. 12.50 -14.00
East Coast, refinery...gal. .06 - .06½
Ill., Ind., refinery.....gal. .06½- —
N. Orleans refinery....gal. .06 - —
Atropine, bots. .....oz. 5.25 - 5.50
Sulphate, bots. .....oz. 2.85 - 2.90
cns. .....oz. 2.75 - 2.80

B

Balm of Gilead buds, bgs.....lb. .20 - .21
Barberry bark, bgs.....lb. .19 - .20
Tree bark, bls.....lb. .09 - .10
Barbital, cs.....lb. 3.25 - 3.30
Barium carbonate, natural, 90%-96%, grd., bgs., c.l., works, ton. 41.00 -43.00
99% thru, 200, mesh bgs., c.l., works..ton. 43.00 -45.00
precip., bgs., c.l., works..ton. 52.50 - —
bbls., works.....ton. 57.50 - —
l.c.l., bgs., works.....ton. 57.50 - —
bbls., works.....ton. 62.50 - —
sulphur-free, bgs., bbls., c.l., works..ton. 57.50 -62.50
Chlorate, kgs.....lb. .16½- .17½
Chloride, C.P., cryst., bbls..lb. .19 - —
dms. .....lb. .20 - —
tech., doms., cryst., bgs., c.l., Zone 1, dlvd., New England States, N. Y., N. J., Pa., Md., Va., Ohio, Mich., Ind., Wisc., Ill., Ky., and principal cities on west bank of Miss., north of Ark. line....ton. 77.00 - —
bbls., same basis..ton. 79.00 - —
l.c.l., bgs., same basis. ton. 90.00 - —
bbls., same basis..ton. 92.00 - —
Zone 2, bgs., c.l., dlvd., Tenn., N. - S. Carolina, Ga., Ala., Miss., Fla..ton. 81.00 - —
bbls., same basis..ton. 83.00 - —
Zone 2, bbls., l.c.l., bgs., same basis..ton. 94.00 - —
bbls., same basis..ton. 96.00 - —
Zone 3, bgs., c.l., Minn., Ia., Mo., Col., N. Mex., Idaho, Utah, Ariz..ton. 87.00 - —
bbls., same basis..ton. 89.00 - —
l.c.l., bgs., same basis. ton. 100.00 - —
bbls., same basis..ton. 102.00 - —
Zone 4, bgs., c.l., dlvd., Wash., Ore., Calif., Nev..ton. 83.00 - —
bbls., same basis..ton. 85.00 - —
bbls., l.c.l., same basis. ton. 96.00 - —
bbls., same basis..ton. 98.00 - —
Dioxide, dms.....lb. .11 - .15
Fluoride, bbls.....lb. .11½- .12½
Fluosilicate, bbls.....lb. .11½- .12½
Hydrate (see Hydroxide).
Hydroxide, bbls.....lb. .04¾- .05¼
Iodide, bots.....lb. 4.45 - 4.50
Monoxide (see Oxide).
Nitrate, cks.....lb. .06¾- .07¼
Oxide, dms.....lb. .09 - .11
Peroxide (see Dioxide).
Sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls.....lb. .09½- .10
kgs. .....lb. .12 - —
Barytes, dom., floated, bbls., c.l., St. Louis..ton. 23.65 - —
l.c.l., ex whse., Boston, ton. 36.00 - —
Chicago .....ton. 31.15 - —
Cleveland .....ton. 33.50 - —
New York.....ton. 32.00 - —
paper bgs., c.l., St. Louis, ton. 22.85 - —
l.c.l., ex car, Baltimore, ton. 30.70 - —
Boston .....ton. 31.70 - —
Philadelphia .....ton. 30.50 - —
ex whse., Baltimore. ton. 32.10 - —
Boston .....ton. 35.20 - —
Chicago .....ton. 30.35 - —
Cleveland .....ton. 33.00 - —
Detroit .....ton. 33.00 - —
Kansas City .....ton. 30.95 - —
Los Angeles .....ton. 42.00 - —
New York .....ton. 31.50 - —
Philadelphia .....ton. 31.90 - —
San Francisco.....ton. 42.00 - —
Toronto .....ton. 39.50 - —
southern off color, bulk, mines. ton. 12.00 - —
95.75%, bulk, mines....ton. 16.00 - —
ore, bulk, mines.....ton. 7.00 - —
Cuban, crude, c.l., c.i.f.....ton. 11.00 - —
German, grd., bbls., c.l., dock, t.a..ton. 25.00 -26.00
l.c.l., ex whse.....ton. 30.00 - —
ungrd., bulk, c.l., ex dock, ton. 13.00 -14.00
Italian, grd., bbls., c.l., ex dock, t.a..ton. 29.50 Nom.
l.c.l., ex whse.....ton. 32.50 - —
Bauxite, bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves)
Bay rum, import, bbls.....gal. .71½- .72
Bayberry bark, bgs.....lb. .15 - .16
Belladonna leaves, bls.....lb. .12½- .14
Root, bls.....lb. .13 - .15
Bentonite, 200 mesh, bgs., Wyo., works..ton. 11.00 - —
325 mesh, bgs., Wyo., works, ton. 16.00 - —
Benzaldehyde, tech., cbys., dms., lb. .60 - .70
USP, X, dms., 50 to 100 lbs..lb. .85 - —
5 to 25 lbs.....lb. .90 - .95

Benzene (see benzol).
Benzidin base, bbls.....lb. .70 - —
Benzol, 90%, nitration, pure, dms., works..gal. .21 - —
tankcars, frt. alld. E. of Omaha..gal. .16 - —
tankcars, W. Coast, f.o.b. Minnequa, Colo..gal. .16 - —
Benzoyl chloride, cbys.....lb. .23 - .28
Peroxide, pure, gran., fib. ctns., works..lb. 1.95 - —
Benzyl acetate, f.f.c., cns.....lb. .49 - —
dms. .....lb. .44 - —
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c., cans. lb. .94 - —
dms. .....lb. .89 - —
Chloride, 95.97%, refd., dms., lb. .19 - .21
Formate, cns.....lb. 2.75 - 3.50
Benzylidineacetone, bots.....lb. 2.00 - 2.00
Berberine bisulphate, cns.....lb. 16.75 - —
Hydrochloride, cns. .....lb. 16.75 - —
Sulphate, cns. .....lb. 16.75 - —
Berberis root, bls.....lb. .14 - .15
Betanaphthol, sublm., bbls....lb. .55 - —
kgs. .....lb. .60 - —
tech., bbls., c.l., works....lb. .23 - —
l.c.l., bbls., works.....lb. .24 - —
Benzoate, fib., dms.....lb. 2.10 - —
kgs. .....lb. 2.00 - —
Betanaphthylamine, tech., kgs.lb. .51 - —
Beth root, bls.....lb. .10 - .17
Bismuth chloride, 5-lb. bots...lb. 3.20 - 3.25
Citrate, USP, VIII, 5-lb. bots., lb. 2.76 - -
jars .....lb. 2.65 - -
Hydroxide, 5-lb. bots.....lb. 3.27 - —
cns. .....lb. 3.15 - —
Metal, ton lots.....lb. 1.05 - —
Nitrate, cryst., 5-lb. bots...lb. 1.34 - —
cns. .....lb. 1.20 - —
Oxychloride, 5-lb. bots.....lb. 3.04 - —
cns., kgs. .....lb. 2.95 - —
Subbenzoate, 5-lb. bots.....lb. 3.30 - —
fib., dms.....lb. 1.13 - 1.16
Subcarbonate, bots., cns.....lb. 1.62 - 1.88
fib. dms.....lb. 1.53 - 1.56
X-ray, 5-lb. bots.....lb. 2.42 - —
fib. dms.....lb. 2.36 - —
Subgallate, bots., cns.....lb. 1.67 - 1.96
fib. dms.....lb. 1.58 - 1.61
Subiodide, cns.....lb. 3.91 - —
fib., dms.....lb. 3.66 - —
Subnitrate, powd., bots., cns. lb. 1.42 - 1.66
fib. dms.....lb. 1.38 - 1.36
Subsalicylate, 62-66%, bxs...lb. 2.44 - —
bbls., fib. dms.....lb. 2.35 - —
Sulphocarbolate, 5-lb. bots....lb. 3.61 - —
fib. dms.....lb. 3.50 - —
Trioxide, powd., 5-lb. bots...lb. 3.56 - —
cns. .....lb. 3.45 - —
Bismuth-ammonia citrate, USP, powd., 5-lb. bots...lb. 3.40 - —
cns. .....lb. 3.30 - —
Bismuth-betanaphthol, 5-lb. bots., lb. 3.14 - —
fib. dms.....lb. 3.05 - —
Black, acetylene, c.l., works, duty paid..lb. .14 - —
Bone, 1A, bbls., bxs., c.l., frt. alld. E..lb. .16 - —
l.c.l., frt. alld. E.....lb. .16¼- —
1, bbls., bgs., c.l., frt. alld. E..lb. .13 - —
l.c.l., frt. alld. E.....lb. .12¼- —
2, bbls., bgs., c.l., frt. alld., E..lb. .10½- —
l.c.l., frt. alld. E.....lb. .11 - —
3, bbls., bgs., l., frt. alld. E. lb. .09½- —
l.c.l., frt. alld. E.....lb. .10 - —
4, bbls., c.l., frt. alld. E...lb. .08½- —
l.c.l., frt. alld. E.....lb. .09 - —
5, bbls., bgs., c.l., frt. alld. E..lb. .07½- —
l.c.l., frt. alld. E.....lb. .08 - —
6, bbls., c.l., frt. alld. E..lb. .05½- —
l.c.l., frt. alld. E.....lb. .06 - —
7, bbls., bgs., c.l., frt. alld. E. lb. .09 - —
l.c.l., frt. alld. E.....lb. .09½- —
8, bbls., bgs., c.l., frt. alld. E..lb. .10 - —
l.c.l., frt. alld. E.....lb. .10½- —

Bone black prices on Pacific Coast are 1c. per lb. higher, ex dock or ex whse.

Carbon, special, 1, bgs., c.l., dlvd..lb. .03¾- .04¾
bgs., ctns., l.c.l., dlvd..lb. .06¾- —
cs., l.c.l., dlvd.....lb. .07½- —
2, bgs., c.l., works.....lb. .03½- —
l.c.l., dlvd.....lb. .10½- —
cs., l.c.l., dlvd.....lb. .12 - —
3, bgs., c.l., works.....lb. .13 - —
l.c.l., dlvd.....lb. .14½- —
cs., l.c.l., dlvd.....lb. .16½- —
4, bgs., c.l., works.....lb. .27½- —
cs., c.l., works.....lb. .29 - —
l.c.l., dlvd. .....lb. .32 - —
5, bgs., cs., c.l., works..lb. .40 - —
cs., l.c.l., dlvd.....lb. .44 - —
6, cs., l.c.l., dlvd.....lb. .60 - —
7, cs., l.c.l., dlvd.....lb. 1.10 - —
standard, bgs., c.l., dlvd., rail zone A (Gulf ports), for delivery in Nor. Amer. (water freights extra)..lb. .02¾- —
B (Ark., Col., Kan., part of Mo., N. M., Tex., except coastal ports)..lb. .0310- —
50,000 lbs., dlvd., Zone C (Pac. Cst. States).lb. .0310- —
30,000 lbs., dlvd., Zone C, Pac. Cst. States.lb. .0335- —
D (Ill., Ia., Wis.)..lb. .03¼- —
E (Fla., Ga., Ind., Ky., Mich., part of N. Y., Ohio, part of Pa., Tenn., W. Va.)....lb. .0341- —
F (Me., Md., Mass., N. H., N. J., part of N. Y., N. C., part of Pa., R. I., S. C., Vt., Va.)..lb. .03¾- —
G (Mexico) f.o.b. border, lb. .03 - —
f.o.b. N. Orleans, lb. .020 - —
l.c.l., f.o.b. whse.....lb. .05¾- —
bgs. or ctns. (seller's option), l.c.l., dlvd..lb. .06¼- —
bulk, tanks, same price as bags in each zone.
cs., l.c.l., dlvd.....lb. .07 - —
export, full, compressed, cs., f.a.s., Gulf ports..lb. .04¾ Nom.
uncompressed, cs., f.a.s. Gulf ports..lb. .05¼ Nom.

Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, 1, bbls., l.c.l., works..lb. .07¾- .08½
2, bbls., l.c.l., works....lb. .07 - —
pure, bbls., works.....lb. .08¾- —
Ivory, genuine, bbls.....lb. .30 - .35
Lamp, dom., 1, ctns., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
2, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .10 - —
2A, ctns., c.l., works.....lb. .11 - —
l.c.l., works.....lb. .12 - —
3, ctns., c.l., works.....lb. .13 - —
l.c.l., works.....lb. .14 - —

Black, lamp., dom., 4, ctns., c.l., works..lb. .14 - —
l.c.l., works.....lb. .15 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .18 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
7, ctns., c.l., works.....lb. .34 - —
l.c.l., works.....lb. .35 - —
import, 1, bbls., c.l., f.o.b., N.Y..lb. .08 - —
l.c.l., f.o.b., N. Y.....lb. .09 - —
2, bbls., c.l., f.o.b. N. Y..lb. .11 - —
l.c.l., f.o.b. N. Y.....lb. .12 - —
3, bbls, c.l., f.o.b. N. Y..lb. .13 - —
l.c.l., f.o.b., N. Y.....lb. .14 - —
4, bbls., c.l., f.o.b. N. Y..lb. .14 - —
5, bbls., c.l., f.o.b. N. Y..lb. .19 - —
l.c.l., f.o.b. N. Y.....lb. .20 - —
6 bbls., c.l., f.o.b. N.Y....lb. .24 - —
l.c.l., f.o.b. N. Y.....lb. .25 - —
Vine, A. bbls., works or N. Y., lb. .04½- —
B, bbls., works or N. Y....lb. .06½- —
Black dyes are listed under dyes.
Black Haw, root bark, bls....lb. .21 - .22
Tree bark, bls.....lb. .14 - .15
Black Indian hemp root, bls...lb. .16 - .18
Blanc fixe, dry, by-product, bgs., c.l..ton.55.00 - —
l.c.l. .....ton.60.00 - —
high grade precip., bgs., c.l., works, frt. equal.ton.70.00 - —
l.c.l., same basis....ton.75.00 - —
pulp 66⅔%, bulk, c.l., works, ton.40.00 -42.50
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.35
l.c.l., works.....100 lbs. 2.25 - 3.35
Blood, dried, dom., 16-16½ ammon., bgs., f.o.b. N. Y., unit-ton. 3.25 - —
high-grade, grd., 16-17 ammon., bulk, f.o.b. Chi., unit-ton. 3.35 - —
import, bgs., c.i.f. ports, shipt., unit-ton. 2.90 - —
soluble (see Albumen, blood)
Bloodroot, bls. .....lb. .11½- .12
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis, lb. .90 - —

Alkali blue toner prices are ½c. higher dlvd Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. highed dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

Bronze, bbls., same basis, alkali toner contracts..lb. .36 - —
open order.....lb. .37 - —
Celestial, bbls.....lb. .10 - .12
Chinese, bbls., same basis, alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Cobalt, genuine, 1-kilo pkg., lb. 4.90 - —
Imitation (see Blue, ultramarine, group 6).
Copper, phthalocyanin, bbls., f.o.b. works, frt. alld..lb. 3.30 - 3.75
Milori, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Potash, dom., bbls., same basis alkali toner, contracts..lb. .45 - —
open order.....lb. .46 - —
Prussian, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
soluble, bbls., same basis alkali toner, contracts. lb. .36 - —
open order.....lb. .37 - —
Tungstated, peacock, kgs....lb. 3.75 - —
Victoria, kgs.....lb. 3.25 - —
Ultramarine, dry, jobbing, bbls., works, frt. equaled..lb. .11 - —
regular, 1, bbls., works, frt. equaled..lb. .16 - —
2, bbls, same basis.....lb. .18 - —
3, bbls., same basis....lb. .19 - —
4, bbls., same basis....lb. .20 - —
5, bbls., same basis....lb. .23 - —
6, cobalt, A, bbls., same basis..lb. .27 - —
B, bbls., same basis..lb. .24 - —
C, bbls., same basis.lb. .23 - —
D, bbls., same basis.lb. .22 - —
7, A, bbls., same basis.lb. .28 - —
B, bbls., same basis..lb. .22 - —
special, 1, bbls., same basis. lb. .19 - —
2, bbls., same basis....lb. .20 - —
3, bbls., same basis....lb. .22 - —
4, bbls., same basis....lb. .23 - —
5, bbls., same basis....lb. .25 - —
6, bbls., same basis....lb. .27 - —
pulp, 1, bbls., same basis..lb. .27 - —
2, bbls, same basis.....lb. .25 - —
3, bbls., same basis.....lb. .23 - —
4, bbls., same basis.....lb. .20 - —
Ultramarine, blue, dlvd., ex whse., is 1c. higher; Pac. Coast ex whse., 2c. higher; 100-lb. kgs. 1c. above bbls.; 25-lb. boxes 5c. above bbls.
Victoria, ink toner, bbls., same basis alkali toner..lb. 1.85 - —
Blue dyes are listed under Dyes.
Blueflag root, bls.....lb. .15 - .16
Blue mass, USP., cns., kgs..lb. 1.00 - 1.02
Blue vitriol, 99%, cryst., bbls., c.l., f.o.b. works..100 lbs. 4.50 - —
l.c.l., 16-50 bbls., same basis, 100 lbs. 4.65 - —
6-15 bbls., same basis. 100 lbs. 4.75 - —
1-5 bbls., same basis..... 100 lbs. 5.00 - —
Monohydrated, dms., c.l., dealer, f.o.b. works..100 lbs. 9.00 - 9.25
l.c.l. dealers.....100 lbs.10.00 -10.25
Bluestone (see Blue vitriol).
Bone, raw, dom., 4½% ammon., 50% phos., bgs., f.o.b. Chicago..ton.28.00 -29.00
c.i.f. Atlantic ports....ton.28.50 - —
import, bgs., c.i.f., ports.ton.26.50 - —
meal, steamed, dom., 3% ammon. 50% phos., bgs., f.o.b. Chicago..ton.24.00 -26.00
import, 100-lb. bgs., c.i.f. ports, shipt..ton.22.50 - —
phosphate, precip., see Calcium phosphate dibasic, precip.).
steamed, dom., 1½% ammon. 80% phos., bgs., f.o.b. Chicago..ton.19.00 -21.00
import, 1% ammon., 65-70% phos., bgs., c.i.f. ports..ton.20.75 - —
Boneset leaves, bales.....lb. .07 - .08
Borage flowers, bls. .....lb. .20 - .21
Borax, tech., 99¼%, cryst., bbls., contracts, 80 tons min., dlvd..tons.58.00 - —
l.c.l., ex whse.....ton.67.00 -72.00
sks., contracts, 80 tons min., dlvd..tons.48.00 - —
l.c.l., ex whse.....ton.57.00 -62.00
gran., bbls., contracts, 80 tons min. dlvd..ton.53.00 - —
l.c.l., ex whse.....ton.64.00 -69.00
sks., contracts, 80 tons min., dlvd..ton.48.00 - —
l.c.l., ex whse...ton.54.00 -59.00
powd., bbls., contracts, 80 tons min., dlvd..ton.58.00 - —
l.c.l., ex whse.....ton.69.00 -74.00
Borax, tech., 99¼%, powd., sks., contracts, 80 tons min. dlvd..ton.48.00 - —
l.c.l., ex whse.....ton.59.00 -64.00
USP, $15 per ton higher.
Bordeaux mixture, dms., c.l., dealers..lb. .11 - —
l.c.l., dealers, dms..lb. .11¼- —
Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots 96 lbs. and over; no trucking or freight allowances for works or warehouse pick-ups.
Borneol, bots. .....lb. 1.75 - 2.00
cns. .....lb. 1.50 - —
Brasilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .30 - —
single pkg., same basis.lb. .35 - —
Bromoform, USP, bots.....lb. 1.40 - 1.60
Bromstyrol, bots.....lb. 3.25 - 3.75
Bronze powder, aluminum (see A).
Gold, litho, cns., dms., over 10 lbs..lb. .45 - .65
moulding, cns., dms., over 10 lbs..lb. .65 - .90
printing ink, cns., dms., over 10 lbs..lb. .70 - 1.10
radiator, cns., dms., over 10 lbs..lb. .45 - .50
Broomtop, bls. .....lb. .10 - .11
Brown, iron oxide, pure precip., cks., f.o.b. N.Y., or works..lb. .10 - —
Metallic, bbls., works.....lb. .02¾- —
paper bags, c.l., works....lb. .0210- —
Sienna, burnt, American, bbls., works..lb. .08 - —
Italian, Group 1, bbls., f.o.b. N. Y. or Pa. points..lb. .12¼- —
Group 2, bbls., same basis. lb. .11¼- —
3, bbls., same basis...lb. .10¼- —
4, bbls., same basis...lb. .09¾- —
5, bbls., same basis...lb. .09¾- —
6, bbls., same basis...lb. .08½- —
7, bbls., same basis...lb. .08 - —
8, bbls., same basis...lb. .07¾- —
9, bbls., same basis...lb. .07¼- —
10, bbls., same basis..lb. .06¾- —
11, bbls., same basis..lb. .06¾- —
12, bbls., same basis..lb. .06¼- —
13, bbls., same basis..lb. .06 - —
14, bbls., same basis..lb. .05½- —
raw, American, bbls., works. lb. .03¾- —
Italian, Group 1, bbls., f.o.b., N. Y. or works..lb. .12¼- —
Group 2, bbls., same basis. lb. .10¾- —
2, bbls., same basis...lb. .11 - —
4, bbls., same basis...lb. .09½- —
6, bbls., same basis...lb. .09 - —
6, bbls., same basis...lb. .08½- —
7, bbls., same basis...lb. .07¾- —
8, bbls., same basis...lb. .07¼- —
9, bbls., same basis...lb. .06¾- —
10, bbls., same basis..lb. .06 - —
11, bbls., same basis..lb. .05 - —
Umber, American, bbls., works, lb. .03¾- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Pa., Easton, Pa., N. Y..lb. .04 - —
St. Louis.....lb. .04¾- —
ex car Los Angeles...lb. .04¼- —
ex dock, Portland, San Francisco, Seattle..lb. .04¾- —
ex whse., Boston....lb. .04½- —
Chicago, Indianapolis, New Orleans.....lb. .04¾- —
Kansas City.....lb. .05 - —
Los Angeles, Portland, San Francisco, Seattle, lb. .04¾- —
Minneapolis .....lb. .0485- —
Pittsburgh .....lb. .04¼- —
Vandyke, bbls., l.c.l.....lb. .05¾- —
Walnut crystals, bbls.....lb. .06½- .06
Brucine, 100 oz., cns.....oz. .10 - —
Sulphate, 100 oz., cns.....oz. .07 - —
Bryonia root, bls.....lb. .10 - .11
Buchu leaves, bls.....lb. .34 - .35
Buckthorn bark, true, bls.....lb. .05 - .05½
Berries, bgs. .....lb. .17 - .18
Burdock root, bls. .....lb. .10 - .10½
Burgundy pitch, dom., bbls...lb. .03¼- .03¾
Butanes, comi., 16-34°, tanks, group 3..gal. .03¾- —
Butternut bark, bls.....lb. .07 - .08
Butyl acetate, norm., dms., c.l., contract, frt. alld..lb. .09½- —
l.c.l., contract, frt.alld..lb. .10 - —
tanks, contract, frt. alld..lb. .08½- —
secondary, dms., c.l., frt. pd. E. of Rocky Mts..lb. .07½- —
l.c.l., same terms.....lb. .08 - —
tanks, same terms.....lb. .06½- —
Alcohol (see Alcohol):—
Aldehyde, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- .17½
tanks, works.....lb. .14½- —
Carbinol (see Carbinol).
Chloride, normal, dms., c.l., works..lb. .20 - —
l.c.l. .....lb. .23 - —
Crotonate, normal, 55 & 110 gal. dms., dlvd..lb. .33 - —
5 & 10 gal. dms., dlvd....lb. .36 - —
Ether (see under Ether).
Lactate, dms. .....lb. .22½- —
Propionate, dms., dlvd.....lb. .16½- .17
tanks .....lb. .15½- —
Stearate, dms. .....lb. .26 - —
Butyric ether, bots.....gal. 5.00 - 5.25
cns., works .....lb. .65 - .70
dms., frt. alld. Met. N. Y..lb. .60 - —

C

Cadmium, bromide, 25-lb. jars, 50 lbs. or more..lb. 1.61 —
single jars.....lb. 1.66 - —
5-lb. bots.....lb. 1.80 - —
Iodide, 5-lb. bots.....lb. 4.01 - —
25-lb. cns.....lb. 3.87 - —
Lithopone (see Yellow)
Metal, cs.....lb. .85 - —
Red (see Red).
Selenide (see Red).
Sulphide (see Yellow).
Caffeine, 100-lb. dms., 10,000 lbs. or more..lb. 2.20 - —
2,000 lbs., or more.....lb. 2.25 - —
1,000 lbs., or more.....lb. 2.30 - —
100 lbs.....lb. 2.35 - —
25-lb. dms., 10,000 lbs., or more..lb. 2.23 - —
2,000 lbs., or more.....lb. 2.28 - —
1,000 lbs., or more.....lb. 2.33 - —
100 lbs.....lb. 2.43 - —
25 lbs.....lb. 2.55 - —
10-lb. cns., 10,000 lbs. or more. lb. 2.25 - —
2,000 lbs., or more.....lb. 2.30 - —
1,000 lbs., or more.....lb. 2.35 - —
100 lbs.....lb. 2.45 - —
less than 100 lbs.....lb. 2.75 - —
5-lb. cns., 25 lbs., or more..lb. 2.70 - —
less than 25 lbs.....lb. 2.85 - —
Citrated, cns.....lb. 1.80 - 2.10
Hydrobromine, bots.....lb. 4.91 - 4.99
Calabar beans, bgs.....lb. .36 - .39
Calamus root, bleached, cs.....lb. .40 - .41
peeled, bls.....lb. .12 - .14
Calcium acetate, bgs.,dlvd.100 lbs. 1.65 - —
Arsenate, bgs., c.l., dealers, E. of Rockies..lb. .06¾- .07¼
W. of Rockies, bgs., dms.. lb. .06½- .06¾
Southern cotton states, bgs., lb. .06¾- .07
Calcium arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.
Bromide, 100 lbs., works, frt. equaled..lb. .70 - —
50 lbs., works.....lb. .72 - —
25 lbs., works.....lb. .75 - —
Carbide, dms.....lb. .05 Nom.
Carbonate (see Chalk and Whiting).
Chloride, flake, dom., 77-80%, bgs., dms., c.l., dlvd..ton.22.00 -25.00
l.c.l., 1 ton or over, dlvd. 100 lbs. 1.70 - 2.25
liquor, basis 40%, tanks, works ton. 7.50 - —
solid, dom., 73-75%, bgs., dms., c.l., dlvd..ton.20.00 -23.00
l.c.l., 1 ton or over, dlvd. 100 lbs. 1.60 - 2.25
Gluconate, U.S.P., gran., powd., bbls., 126 lbs..lb. .50 - —
dms. .....lb. .55 - .57
cns. .....lb. .68 - .85
Glycerophosphate, fib., dms., 1,000-lb. lots..lb. 1.00 - —
smaller lots.....lb. 1.15 - —
cns., 25 lbs.....lb 1.40 - —
Hypophosphite, cns. .....lb. .62 - .67
Iodide, bots., jars.....lb. 3.85 - 3.90
Lactate, U.S.P., bbls., 200 lbs.lb. .23 - —
Levulinate, bots., less than 25 lbs., works..lb. 3.00 - —
Nitrate, bgs., to fert. mfrs., ex vessel, No. Atlantic ports, or f.o.b. cars, So. Atlantic ports ton.28.00 - —
Palmitate, bbls. .....lb. .22 - .23
Phosphate, dibasic, precip., 38-42% P_2O_5, bgs., c.i.f. Atlantic ports, shipt..unit-ton. .78 - —
tribasic, c.l., bbls., works..lb. .0635- —
l.c.l., bbls.....lb. .0705- —
Resinate, precip., bbls., 1 ton.lb. .13 - —
smaller lots .....lb. .14 - —
Stearate, precip., bbls., ctns., c.l..lb. .19 - —
l.c.l., 1 ton.....lb. .20 - —
Sulphate (see Gypsum).
Sulphide, 75%, CaS, works, bulk, c.l., 25-mesh..ton.42.50 - —
bags, bulk, c.l., works..ton.45.00 - —
l.c.l., works .....ton.47.50 -50.00
75%, CaS, works, bulk, c.l., 50-mesh..ton.43.50 - —
bags, bulk, c.l., works..ton.46.00 - —
l.c.l., works .....ton.48.50 -51.00
80%, CaS, works, bulk, c.l., 25-mesh..ton.47.50 - —
bags, bulk, c.l., works...ton.50.00 - —
l.c.l., works .....ton.52.50 -55.00
80%, CaS, works, bulk, c.l., 50-mesh..ton.48.50 - —
bags, bulk, c.l., works...ton.51.00 - —
l.c.l., works .....ton.53.50 -56.00
luminous, dom., tins, works. 100 lbs..lb. .55 - —
Sulphocarbolate,bbls.,200 lbs.lb. .48 - —
kgs., 100 lbs.....lb. .50 - —
Calendula flowers, bls.....lb. .30 - .35
Calomel, bbls., fib., dms., kgs., 50 lbs., or more..lb. 1.36 - —
Camphor, natural, powd., cs...lb. .52 - .52½
slabs, cs.....lb. .52 - .52½
tablets, tins .....lb. .57 - .57½
synthetic, dom., imp., gran., powd., bbls., 2,000-lb. lots lb. .46 - —
1,000-lb. lots.....lb. .47 - —
500-lb. lots.....lb. .48 - —
100-lb. lots.....lb. .49 - —
Monobromate, bxs., kgs.....lb. 1.75 - 1.80
Canada balsam (see Fir balsam).
Canary seed, Argentina, bgs..lb. .0390- .0410
Morocco, bgs.....lb. .0430- .0460
Turkish, bgs.....lb. .04¼ .04⅝
Canella alba bark, bls.....lb. .29 - .30
Cantharides, Chinese, cs.....lb. .65 - .70
powd., bxs.....lb. .80 - .85
Russian, cs.....lb. .92 - .93
powd., bxs. .....lb. 1.10 - 1.15
Capsicum (see Pepper, red).
Caraway seed, Dutch, bgs....lb. .09 - .09½
Carbazole, 95%, dms., ton lots, works..lb. .70 - —
smaller quantities, works..lb. .80 - —
98%, dms., ton lots, works..lb. .75 - —
smaller quantities, works..lb. .85 - —
Carbinol, butyl, norm., dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
secondary, dms., works...lb. .60 - —
small lots, works.....lb. .75 - —
Diethyl, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Isobutyl, 125-132°, dms., c.l., works..lb. .33 - —
l.c.l., works.....lb. .34 - —
tanks, works.....lb. .32 - —
Methylpropyl, dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
Dimethylethyl, dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
Carbon bisulphide, 55-gal. dms., c.l., frt. all'd. E. of Miss. R., N. of Ohio R..lb. .05 - —
l.c.l., same basis.....lb. .05¾- —
5-gal. dms., c.l., same basis, lb. .07 - .07½
l.c.l., same basis.....lb. .08 - .08½
tanks, same basis.....lb. .04½- —
Dioxide, cyls.....lb. .06 - .08
Tetrachloride, 55-gal. or 110-gal. dms., c.l. (20 tons), frt. alld. E. of Miss. R., N. of Ohio R., and incl. Ia., Ky., Minn., Mo., N. C., Tenn., Va...lb. .05 - —
l.c.l., same basis.....lb. .05½- —
10-gal. dms., c.l. (20 tons), same basis..lb. .06¾- .07¼
l.c.l., same basis.....lb. .07¾- .08¼
5-gal. dms., c.l. (20 tons), same basis..lb. .06¾- .07¼
l.c.l., same basis.....lb. .07¾- .08¼
tanks, same basis.....lb. .04½- —
Fire extinguisher liquid, 1½c. lb. higher.

Carbon tetrachloride prices are ½c. per lb. higher frt. alld. in S.E. and Central States; 1c. per lb. higher frt. alld. in Rocky Mts. and S. W. States; prices in Pacific Coast States are 1¼c. per lb. higher, f.o.b. Coast shipping points.

Cardamom, bleached, cs.....lb. 1.00 - 1.50
decorticated, cs.....lb. .80 - .82
green, bgs.....lb. .51 - .52
Carvol, bots. .....lb. 4.00 - 4.25
Cascara sagrada bark, bulk....lb. .11 - .12
Case-hardening mixture, 30% lump, dms., l.c.l..lb. .09 - —
Casein, dom., 20-30 mesh, bgs., c.l., dlvd..lb. .08½- .09
5 tons, works.....lb. .10 - —
smaller lots, works.....lb. .11 - —
80-100 mesh, bgs., c.l., dlvd., lb. .09 - .09½
5 tons, works.....lb. .10¼- —
smaller lots, works.....lb. .11½- —
Import, Argent., 20-30 mesh, bgs., c.l., duty paid..lb. .09½- —
80-100 mesh, bgs., c.l., duty paid..lb. .10 - —
French, 30 mesh, bgs., c.l., duty pd..lb. .17 Nom.

Black—Citronellol

Cassia, Batavia, 1, bgs.....lb. .15 - .15½
broken, bls.....lb. .09½- .10
shortstick, bls.....lb. .11½- .11⅝
China, rolls, select, bls.....lb. .12 - .12½
broken, extra, bls.....lb. .08½- .08⅝
Saigon, bls.....lb. .14½- .15
Cassia, buds, cs.....lb. .15 - .16
Cassia fistula, bskts.....lb. .08 - .09
Castile soap, white, bars, cs., 40 lbs.11.75 -12.50
powd., bbls.....lb. .28 - .35
Castoreum, nat., cns.....lb.15.00 -18.00
synth., bots.....lb.19.00 - —
Castor oil (see Oil, castor).
Pomace, dom., 5% ammon., bgs., c.l., works..ton.18.50 - —
import, bgs., c.i.f., ports, shipment..ton.20.00 - —
Catnep leaves, bls.....lb. .17 - .18
Celery seed, French, bgs.....lb. .13¼- .13½
Indian, bgs.....lb. .11¼- .11⅝
Celluloid scrap (see Pyroxylin scrap).
Cellulose acetate, flake, gran., cs., frt. alld..lb. .36 - —
Acetobutyrate, 501 lbs. and over, works..lb. .52 - —
101 lbs., works.....lb. .53 - —
smaller lots, works.....lb. .55 - —
Acetopropionate, 500 lbs. and over, works..lb. .57 - —
100-499 lbs., works.....lb. .58 - —
1-99 lbs., works.....lb. .60 - —
Triacetate, frt. alld.....lb. .42 - —
Cerium hydrate, dms., works..lb. .60 - —
Oxalate, USP, bbls., works..lb. .35 - —
kgs., works .....lb. .37 - —
Chalk, precip., extra light, light, heavy, bgs., 50 lbs., c.l., f.o.b., works..lb. .02¾- —
cks., 250 lbs., c.l., f.o.b., works..lb. .03¼- —
Chamomile flowers, Hungarian, genuine, cs..lb. .21 - .26
Roman, bls.....lb. .28 - .32
Charcoal, softwood, powd., bgs., c.l., dlvd., Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va..ton.30.40 - —
Colo. .....ton.27.00 - —
Conn., Me., Mass., N. H., R. I., Vt....ton.30.80 - —
Ill. (except river point), Minn., Neb., Wis..ton.25.00 - —
Indiana .....ton.26.00 - —
Ill. (river points), Ia., Mo., Okla., Tex. (except El Paso)..ton.23.00 - —
Kansas, El Paso, Tex., ton.24.00 - —
Michigan .....ton.27.80 - —
Ohio, Penn. .....ton.29.80 - —
Utah .....ton.34.00 - —
Willow, powd., bbls.....lb. .06 - .07
Chestnut extract, clarif., 25% tan., bbls., c.l., wks..lb. .02 - —
l.c.l., bbls., wks.....lb. .02¼- —
tanks, wks.....lb. .01⅝- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., airfloat, 99.75%, 300 mesh, bgs., c.l., works..ton. 9.50 - —
l.c.l., works.....ton.10.00 -16.00
bulk, c.l., works...ton. 7.00 - —
200 mesh, bgs., c.l., works..ton. 8.50 - —
l.c.l., works.....ton. 9.50 -15.50
wet-grd., silk-bolt, 99.9%, 325 mesh, bulk, c.l., works..ton. 9.50 - —
paper bgs., c.l., works, ton.12.50 - —
Import, white, lump, bulk, c.l., ex dock, Balto, Boston, Norfolk, Phila..ton.22.00 -25.00
powd., cnks., l.c.l., ex dock. ton.35.00 - —
ex whse. .....ton.37.50 - —
Chloral hydrate, bots., 1,000 lbs., lb. .83 - .92
500 lbs.....lb. .86 - .95
100 lbs.....lb. .88 - .97
25 lbs.....lb. .90 - .99
1-10 lbs.....lb. .95 - 1.02
dms., 1,000 lbs.....lb. .80 - —
500 lbs.....lb. .83 - —
100 lbs.....lb. .85 - —
Chlorinated rubber, bgs., c.l. (30,000 lbs. min.) works.....lb. .35 - —
2,000 lbs., works.....lb. .37 - —
Chlorine, liq., cyls., c.l., dlvd., N. Y...lb. .05½- —
contracts, dlvd., N.Y....lb. .05½- —
l.c.l., dlvd., N.Y.....lb. .07½- —
tanks, single unit, works, frt. equalled..100 lbs. 2.15 - —
multiple unit, 3 or over, wks., frt. equald., 100 lbs. 2.30 - —
2, works, frt. equaled.100 lbs. 2.55 - —
1, works, frt. equaled.100 lbs. 3.00 - —
Chloracetophenone, tins, works.lb. 3.00 - 3.50
Chloroform, tech., 650-lb. dms.lb. .20 - —
100-lb. dms.....lb. .22 - —
50-lb. dms.....lb. .23 - —
USP, 650-lb. dms.....lb. .30 - —
100-lb. dms.....lb. .32 - —
50-lb. dms.....lb. .33 - —
Chloropicrin, comi, 100-lb. cyls., works..lb. .33 - —
5-lb. cycls., same basis..lb. 1.15 - —
Chrome acetate, powd., 17.5% cr., bbls., works..lb. .13 - —
smaller pkgs., works....lb. .17 - —
solut., 8% cs., bbls.....lb. .05 - .08
Chrome, cake, bulk, c.l., works. ton.15.00 -16.00
Chrome green (see Green, chrome).
Oxide (see Green, chrome oxide).
Sulphate, pearls, dms..100 lbs. lb. .40 - —
powd., dms., 100 lbs.....lb. .45 - —
scales, dms., 100 lbs.....lb. .45 - —
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).
Chrysarobin, cns.....lb. 3.25 - 3.30
Cinchona bark, chips, bgs.....lb. .18 - .19
high test, bgs.....lb. .37 - .38
quills, broken, bgs.....lb. .17 - .18
long, cs. .....lb. .45 - .50
short, bgs. .....lb. .40 - .45
Ecuador, tubes.....lb. .18 - .20
Cinchonidine, crys., small cns., 100 ozs..oz. .83 - —
large, cns.....100 ozs. .87 - —
powd., cns.....100 ozs..oz. .80 - —
Sulphate, N.F., cns.100 ozs..oz. .47 - —
Cinchonine, crys., small, cns., 100 ozs..oz. .54 - —
large, cns.....100 ozs..oz. .58 - —
powd., cns.....100 ozs..oz. .50 - —
Sulphate, N.F., cns.100 ozs..oz. .34 - —
Cinchophen, USP, boxes, 5 lbs., lb. 3.75 - —
bots., 1 lb.....lb. 3.27 - —
bots., 100 lbs.....lb. 3.00 - —
Cinnamic alcohol (see Alcohol cinnamic).
Aldehyde, f.c.c., cbys.....lb. .85 - .90
Cinnamon, Ceylon, 2 bls.....lb. .15 - .15½
3, bls. .....lb. .14½- .15
Citral, bots., cns.....lb. 1.40 - 3.10
Citrine ointment, jars, tubes..lb. .75 - —
Citronellal, bots., dms.....lb. .75 - .80
Citronellol, bots., dms.....lb. 1.60 - 1.65

Clove—Ethyleneglycol

Clove, Madagascar, bls.....lb. .17 - .17½
Zanzibar, bls.....lb. .18 - .18½
Clover tops, bgs.....lb. .12 - .13
Coaltar, coal-gas, crude, bbls., c.l., works..bbl. 7.50 - 7.75
l.c.l., works.....bbl. 8.25 - 8.50
tanks, works.....gal. .07½- .09
Coaltar, refd., bbls., c.l., works, bbl. 8.00- 8.25
l.c.l., works.....bbl. 8.75 - 9.00
tanks, works.....gal. .08½- .10
water-gas, crude, dms., c.l., works..dm. 7.50 - —
l.c.l., works.....dm. 8.25 - —
refd., dms., c.l., works....dm. 9.00 - —
l.c.l., works.....dm. 9.75 - —
Cobalt acetate, bbls., kgs., dlvd., lb. .65 - .67
Carbonate, tech., bbls.. dlvd..lb. 1.62 - —
Chloride, dms., works.....lb. 1.06 - 1.12
Hydrate, bbls.....lb. 1.76 - —
Linoleate, paste, 6%, dms....lb. .31 - —
solid, 8½%, bbls.....lb. .33 - —
Oleate, bbls.....lb. .25 Nom.
Oxide, black, kgs.....lb. 1.67 - —
Resinate, fused, A, bbls.....lb. .13½- —
1%, bbls.....lb. .13 - —
2%, bbls.....lb. .14 - —
3½%, bbls.....lb. .17½- —
precip., dms., dlvd.....lb. .34 - —
Sulphate, dms.....lb. .59 - —
Cocaine hydrochloride, 100 ozs., cns..oz. 9.75 - —
Cochineal, gray, bgs.....lb. .35 - .39
Teneriffe, silver, bgs.....lb. .36 - .39
Cocillana bark, bgs.....lb. .15 - .16
Cocoa butter, lump, bgs., c.l..lb. .11¾- .12
Codeine, cns., 100 ozs.....oz. 11.70 - —
Hydrochloride, cns., 100 ozs.oz. 10.50 - —
Phosphate, cns., 100 ozs.....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh, black, root, bls.....lb. .06 - .09
Blue, root, bls.....lb. .07 - .07½
Colchicine, bots., 4 ozs.....oz. 20.00 - —
single ozs.....oz. 21.00 - —
Colchicum seed, bgs.....lb. .25 - .27
Collodion, USP, dms., 325 lbs..lb. .13½- —
cns., 25 lbs.....lb. .16 - —
Flexible, USP, dms., 325 lbs.lb. .14½- —
cns., 25 lbs.....lb. .18 - —
Colocynth pulp, bls.....lb. .25 - .30
Colombo root, bls.....lb. .09 - .10
Coltsfoot leaves, bgs.....lb. .08 - .09
Condurango bark, bgs.....lb. .08 - .09
Conium leaves, bls.....lb. .17 - .18
Copaiba balsam, Para, cns.....lb. .22½- .23
S.A., USP, cns.....lb. .23½- .24
Copper acetate, normal, bbls., dlvd..lb. .21 - —
smaller containers, dlvd..lb. .23 - —
Carbonate, 52-54 pc., bbls...lb. .14½- .15½
20%, bbls.....lb. .10½- .11½
Chloride, cryst., bbls.....lb. .13 - .14
Cyanide, tech., bbls.....lb. .34 - —
Iodide, bots.....lb. 4.97 - 5.02
Metal, electrolytic.....lb. .11¼- —
Nitrate, cryst., bbls.....lb. .1660- .1740
Oleate, precip., bbls.....lb. .20 - —
Oxide, black, bbls., tons, works, lb. .16¾- .17¾
red, com'l, 50-75%, kgs., f.o.b. N. Y..lb. .16¾- .17¾
Resinate, precip., bbls.....lb. .15 - .16
Stearate, precip., bbls.....lb. .23 - .24
Sulphate (see Blue vitriol).
Copperas, cryst., gran., bgs., c.l., works..ton. 17.00 - —
bbls., c.l., works.....ton. 19.00 - —
bbls., l.c.l., 25 or over, works..100 lbs. 1.45 - —
5-24, works.....100 lbs. 1.55 - —
1-4, works.....100 lbs. 2.00 - —
bulk, c.l., works.....ton. 14.00 - —
Copra, Coast, shipt.....lb. .0170 Nom.
Coriander seed, Morocco, bgs..lb. .0435- .0460
bleached, bgs.....lb. .07¾- .08
Corn sugar, tanners, bbls., c.l., dlvd..100 lbs. 3.05 - 3.13
ex whse.....100 lbs. 3.15 - 3.23
Syrup, 42°, bbls., c.l....100 lbs. 3.12 - —
43°, bbls., c.l.....100 lbs. 3.17 - —
Cornsilk, bls.....lb. .06 - .07
Corrosive sublimate, cryst., dms., 50 lbs., or more..lb. 1.20 - —
gran., powd., dms., 50 lbs. or more..lb. 1.05 - —
Cottonroot bark, bls.....lb. .11 - .12
Cottonseed hull ash, 30-32% pot-ash, bgs., dlvd..unit-ton. 1.10 - —
Coumarin, 5 lbs., or more, 25-lb. cns..lb. 2.75 - 3.00
5-lb. cns.....lb. 2.85 - 3.10
1-lb. cns.....lb. 3.00 - 3.25
1-oz. cns.....lb. 3.35 - 3.60
less than 5 lbs., cns.....lb. 4.15 - 4.65
Cramp, bark, genuine, bls.....lb. .20 - .22
so-called, bls.....lb. .07 - .08
Cranesbill root, bls.....lb. .14 - .15
Cream tartar, gran. or powd., bbls., 5,000 lbs., one shipm't, lb. .22¾- —
smaller lots, bbls.....lb. .23¼- —
kgs.....lb. .23¾- —
Creosote, beechwood, bots.....lb. .70 - .75
Hardwood, USP, bots.....lb. .45 - .47
Pine, dms.....gal. .28 - —
Carbonate, bots., cbys.....lb. 1.40 - 1.75
Oil, crude, tanks, works....gal. .13½- .14½
Coaltar, solution, tanks, works, gal. .122 - .132
refd., bbls., l.c.l., works, gal. .25 - —
tanks, works.....gal. .18 - .18½
Cresol, USP, dms., c.l., works.lb. .10 - —
l.c.l., same basis.....lb. .10½- —
special resin grade, dms., c.l., works..lb. .09 - —
l.c.l., same basis.....lb. .09½- —
Crotonaldehyde, 97%, 55 and 110 gal. dms., dlvd..lb. .22 - —
5 and 10 gal. dms., dlvd..lb. .25 - —
Cube root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equaled, with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs. or more..lb. .25 - .26
2,000 lbs. to 10,000 lbs..lb. .26 - .27
1,000 lbs. to 2,000 lbs..lb. .27 - .28
200 lbs. to 1,000 lbs.....lb. .29 - .30
4% rotenone prices are 4c. per lb. less.
Cube, powd., contracts have no protection against decline in price. Part deliveries against contract are billed at price for smaller quantities, subject to adjustment when contract quantity is reached.
Cubeb berries, XX, bgs.....lb. .28 - .30
powd., cs.....lb. .30 - .31
Culver's root, bls.....lb. .16 - .17
Cumin seed, Algerian, bgs....lb. .08¾- .09⅝
Morocco, bgs.....lb. No stocks.
Culver's root, bls.....lb. .13 - .14
Cutch, Philippine, extract, solid bags..lb. .04¼- .04½
Cyanamid, 21-22% N., pulv., bgs., dlvd., contrs., NH_3 unit..lb. 1.15 - —
Cyanide-chloride, mixture, 45%, gran., dms..lb. .10¾- —
lump, dms.....lb. .09¾- —
75%, gran., dms.....lb. .15 - —

D

Damiana leaves, bls.....lb. .14 - .15
Dandelion root, German, bls..lb. .13 - .14
Deertongue leaves, bls.....lb. .10 - .11
Degras, common, dom., bbls...lb. .07¾- .08½
English, bbls.....lb. .07¾- .08½
neutral, dom., bols.....lb. .11 - .15
English, bbls.....lb. .11 - .15
Derris root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equal'd., with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs., or more..lb. .34 - .35
2,000 lbs., to 10,000 lbs..lb. .35 - .39
1,000 lbs. to 2,000 lbs. lb. .36 - .40
200 lbs. to 1,000 lbs..lb. .38 - .43
4% rotenone prices are 6c. per lb. less
Derris root, powd., contracts accepted for delivery only up to September 30, 1939. No protection against decline in price. Part deliveries against contract are billed at price for such smaller quantities, subject to adjustment when contract quantity is reached.
Derris, resinate, 75% rotenone, cns..lb. 10.00 - 11.00
30% rotenone, cns.....lb. 5.50 - 6.50
25% rotenone, bulk, cns....lb. 5.00 - 6.00
15% rotenone, bulk, cns..lb. 2.10 - 4.25
Devil's club, root bark.....lb. 1.50 - —
Dextrin, British gum, c.l., f.o.b. Chicago...100 lbs. 3.65 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.85 - —
Corn, canary, bgs., c.l., f.o.b., Chicago..100 lbs. 3.40 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.60 - —
white, bgs., c.l., f.o.b. Chicago..100 lbs. 3.35 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.55 - —
Potato, import, bgs.....lb. .07¼- .09
Diacetone (see under Alcohol).
Diamyl ether, dms., c.l., works, lb. .065 - —
l.c.l., works.....lb. .092 - —
tanks, works.....lb. .075 - —
Oxalate, dms., l.c.l., works..lb. .20 - —
Phthalate, dms., c.l., dlvd...lb. .19 - —
l.c.l., dlvd.....lb. .19¼- —
tanks, dlvd.....lb. .18 - —
Sulphide, dms., l.c.l., works..lb. 1.10 - —
Diamylamine, dms., c.l., works, lb. .47 - —
l.c.l., works.....lb. .50 - —
Diamylene, dms., c.l., works..lb. .095 - —
l.c.l., works.....lb. .103 - —
tanks, works.....lb. .085 - —
Diamylnaphthalene, dms., l.c.l., works..lb. .20 - —
Diamylphenol (2, 4), dms., c.l., works..lb. .17 - —
l.c.l.....lb. .20 - —
Diatomaceous earth, dom., bgs., c.l., Pacific cst., works, ton. 22.00 -85.00
l.c.l., ex whse.....ton. 45.00 -150.00
Import, bgs., c.l., c.i.f.....ton. 30.00 - —
Dibutylamine, dms., c.l., works, lb. .50 - —
l.c.l.....lb. .52 - —
Dibutyl ether (see Ether, butyl).
Dibutyl phthalate, dms., c.l., dlvd..lb. .19 - —
l.c.l., dlvd.....lb. .19¼- —
tanks, dlvd.....lb. .18 - —
cns., works.....lb. .23½- .25½
Sebacate, dms., wks.....lb. .45 - —
Tartrate, dom., dms.....lb. .50 - —
Dicalcium phosphate (see Calcium phosphate, dibasic).
Dichlorethyl ether, dms., c.l., works..lb. .15 - —
l.c.l., works.....lb. .16 - —
tanks, works.....lb. .14 - —
Dichloropentane, dms., c.l., works, lb. .0321- —
l.c.l.....lb. .04 - —
tanks.....lb. .025 - —
Diethanolamine, dms., c.l., works..lb. .24 - —
l.c.l., works.....lb. .25 - —
tanks, works.....lb. .23 - —
Diethyl carbonate, coml., dms.lb. .25 - —
refd., 99%, dms.....lb. .35 - —
Carbinol (see Carbinol).
Phthalate, dms., c.l., frt. alld. lb. .19 - —
l.c.l.....lb. .19¼- —
tanks.....lb. .18 - —
Sulphate, dms., c.l., works..lb. .13 - —
l.c.l., works.....lb. .14 - —
tanks.....lb. .12 - —
Diethylaniline, dms.....lb. .40 - —
Diethyleneglycol, dms., c.l., works, lb. .16 - —
l.c.l., works.....lb. .17 - —
Monobutylether, dms., works..lb. .23 - .24
Diethylene glycol monoethylether, dms., c.l., works..lb. .15 - —
l.c.l., works.....lb. .16 - —
tanks, works.....lb. .14 - —
Digitalis leaves, dms.....lb. .38 - .39
Digiycol laurate.....lb. .23 - —
Digiycol oleate, light, bbls....lb. .21 - —
Digiycol stearate.....lb. .25 - —
Di-isobutyl ketone, dms., works, lb. .19 - —
Dillseed, recleaned, bgs.....lb. .09 - .09½
Dimethyl phthalate, dms., c.l., dlvd..lb. .18¾- —
l.c.l., dlvd.....lb. .19 - —
tanks, dlvd.....lb. .17½- —
Dimethylamine, dms., c.l., dlvd. lb. 1.00 - —
l.c.l., dlvd.....lb. 1.05 - —
Dimethylaniline, dms., c.l.....lb. .26 - —
l.c.l., dms.....lb. .27 - —
Dimethylethyl carbinol (see Carbonol).
Dinitrobenzene, bbls, 99° min., lb. .18 - —
Dinitrochlorobenzene, dms.....lb. .14 - —
Dinitronaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls.....lb. .22 - —
Dinitrotoluene, dms.....lb. .15½- —
oily, dms.....lb. .09 - —
Diorthotoluolguanidine, dms., 2,000 lbs. or over, dlvd..lb. .44 - —
600-1,950 lbs., dlvd.....lb. .46 - —
150-450 lbs., dlvd.....lb. .47 - —
Dioxan, dms., c.l., frt. alld....lb. .20 - —
l.c.l., same basis.....lb. .21 - —
tanks, same basis.....lb. .19 - —
Dip oil (see Tar acid oil).
Dipentene, dms.....gal. .47 - .50
tanks.....gal. .41 - —
Diphenyl, bbls., c.l., works....lb. .15 - —
l.c.l., works.....lb. .16 - .20
Oxide, perfume grade, cns...lb. .50 - .55
Diphenylamine, bbls.....lb. .31 Nom.
Diphenylguanidin, dms., 2,000 lbs. or over, dlvd..lb. .35 - —
600-1,950 lbs., dlvd.....lb. .36 - —
150-450 lbs., dlvd.....lb. .37 - —
Diphenylmethane, bots.....lb. 1.40 - 3.00
Disodium phosphate (see Soda phosphate, dibasic).
Divi-divi extract, bbls.....lb. .05¾- .06¾
Doggrass root, cut, bls.....lb. .11 - .12
Dogwood, bark, Jamaica, bls., lb. .06 - .07
Dover's powder, USP, cns.....lb. 2.75 - 2.80
Dragon's blood, mass, cs.....lb. .65 - .85
reeds, thin, cs.....lb. .80 - .85
Dubolsine sulphate, vis.....oz. 34.50 -35.00
Dyes, coaltar, for coloring foods (certified colors) (numbers are those of Colour Index scale):—
Blue:—
Brilliant blue FCF, cans..lb. 13.50- —
1180 Sodium indigo disulphonate, cns..lb. 13.50- —
Green:—
Fastgreen FCF, cns.....lb. 27.50- —
666 Guinea green B., cns. lb. 13.50- —
670 Light green SF, yellowish, cns..lb. 17.50- —
Red:—
184 Amaranth, cns.....lb. 3.15- —
773 Erythrosin, cns.....lb. 17.50- —
80 Ponceau 3R, cns.....lb. 6.00- —
Ponceau 8X, cns.....lb. 5.75- —
Orange:—
150 Orange I, cns.....lb. 2.90- —
Yellow:—
10 Naphthol yellow S, cns..lb. 3.50- —
Sunset yellow FCF, cns.lb. 3.15- —
640 Tartrazin, cns.....lb. 3.15- —
Yellow AB, cns.....lb. 2.65- —
61 Yellow OB, cns.....lb. 2.65- —
Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
36 Chrome yellow 2G.....lb. .65 - .70
40 Chrome yellow R.....lb. .50 - 1.00
58 Victoria violet.....lb. .80 - 1.00
165 Lake red C.....lb. .95 - 1.00
176 Fast red A.....lb. .60 - .75
180 Fast red VR.....lb. 1.50 - 1.65
189 Lake red R, paste.....lb. .85 - .90
189 Lake red R, powdered..lb. 3.00 - 3.10
202 Chrome blue black U..lb. .32 - .40
204 Chrome black A.....lb. 1.75 - 2.00
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
289 Fast cyanin 5R.....lb. .90 - 1.00
290 Chrome black F.....lb. .60 - .65
307 Fast cyanin black B...lb. .80 - .85
626 Direct cast scarlet.....lb. 2.00 - 2.25
304 Paper yellow.....lb. .55 - .90
365 Chrysophenin G.....lb. .58 - .70
394 Direct violet N.....lb. 1.25 - 1.30
383 Direct scarlet B.....lb. 1.50 - 1.75
387 Direct violet B.....lb. 1.00 - 1.30
401 Developed black BHN..lb. .50 - .75
406 Direct blue 2B.....lb. .25 - .30
415 Direct orange R.....lb. .60 - .70
419 Direct fast red F.....lb. .75 - .85
420 Direct brown M.....lb. 1.00 - 1.10
448 Benzo purpurin 4B.....lb. .40 - .42½
495 Benzo purpurin 10B....lb. .40 - .50
502 Direct azurin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B....lb. 1.10 - 1.25
530 Direct pure blue.....lb. .50 - 1.60
529 Direct fast, black, FF..lb. .55 - 1.00
561 Direct black EW.....lb. .25 - .50
563 Direct black RX.....lb. .35 - .45
602 Direct green B.....lb. .75 - .80
594 Direct green G.....lb. 1.00 - 1.05
596 Direct brown 2GO.....lb. .35 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
602 Acid violet.....lb. 1.00 - 3.00
813 Primulin.....lb. .50 - .52
814 Direct fast yellow.....lb. 2.00 - 2.25
845 Nigrosin(water soluble).lb. .35 - .50
1177 Indigo, 20 p. c. paste..lb. .15 - .18
Benzo fast black L.....lb. .90 - 1.00
Sulphur black.....lb. .20 - .25
Sulphur blue.....lb. .40 - 1.00
Sulphur brown.....lb. .25 - .50
Sulphur maroon.....lb. .40 - —
Sulphur olive.....lb. .25 - .54
Sulphur tan.....lb. .30 - .50
Sulphur yellow.....lb. .20 - .50
Zambesi black.....lb. .75 - .80
Dyes, coaltar, for stains (numbers are those of Colour Index scale)
Oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 3c. per lb. higher; f.o.b. sellers' works or warehouse)
Black:—
865 Nigrosin derivatives..lb. .42 - —
Blue:—
1075 Alizarin astrol base.lb. 15.00 - —
1078 Alizarin cyanin green base..lb. 6.00 - —
729 Victoria blue.....lb. .75 - —
Browns:—
Brown.....lb. 1.15 - —
Green:—
1078 Alizarin cyanin green.lb. 5.00 - —
.... Green.....lb. .75 - —
Orange:—
24 Sudan I.....lb. .70 - —
.... Orange, red shade..lb. .75 - —
Red:—
76 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .95 - —
749 Rhodamine B (oil pink) lb. 2.50 - —
1080 Anthroquinone violet base..lb. 6.00 - —
980 Oil violet.....lb. .50 - —
Yellow:—
15 Amidoazobenzene yellow..lb. .90 - —
17 Amidoazotoluene yellow, lb. .75 - —
61 Yellow OB.....lb. 1.40 - —
Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or ware house).
Black:—
864 Nigrosin.....lb. .40 - —
Blue:—
729 Victoria blue.....lb. 2.55 - —
860 Indulin.....lb. .70 - —
Brown:—
331 Bismarck brown.....lb. 1.50 - —
Green:—
637 Malachite green base.lb. 2.00 - —
Orange:—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.....lb. .95 - —
Red:—
677 Fuchsin, magenta base, lb. 7.25 - —
749 Rhodamine B.....lb. 4.75 - —
Yellow:—
67 Amidoazotoluene yellow..lb. .75 - —
655 Auramine.....lb. 2.00 - —
800 Chinolin yellow SS...lb. 2.00 - —
Violet:—
689 Methyl violet.....lb. .70 - —
Water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
246 Naphthol blue black S, lb. .50 - —
865 Nigrosin.....lb. .36 - —
873 Methylene gray.....lb. 1.50 - —
Blue:—
714 Patent blue A.....lb. 1.45 - —
729 Victoria blue B.....lb. 2.00 - —
861 Indulin.....lb. .67 - —
909 New blue R.....lb. 1.80 - —
923 Methylene blue.....lb. 1.00 - —
1054 Alizarin saphirol B..lb. 1.90 - —
1180 Indigotin IA.....lb. .55 - —
Brown:—
234 Resorcin brown Y...lb. .95 - —
235 Resorcin dark brown R lb. .66 - —
231 Bismarck brown G..lb. .52 - —
332 Bismarck brown R..lb. .37 - —
706 Phosphin.....lb. 4.65 - —
Dyes, coaltar, for stains (numbers are those of Colour Index scale)
Green:—
5 Naphthol green B...lb. 1.00 - —
657 Malachite green.....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .38 - —
924 Methylene green B...lb. 1.55 - —
1079 Alizarin cyanin green, lb. 2.25 - —
Orange:—
10 Chrysoidin G.....lb. .40 - —
21 Chrysoidin R.....lb. .37 - —
27 Orange G.....lb. .50 - —
151 Orange Y.....lb. .30 - —
161 Orange R.....lb. .34 - —
Water-soluble:—
Red:—
31 Amidonaphthol red G. lb. .43 - —
37 Amidonaphthol red 6B. lb. .63 - —
79 Popceau R.....lb. .48 - —
88 Fast red B.....lb. 1.05 - —
176 Fast red A.....lb. .54 - —
179 Azorubin.....lb. .52 - —
183 Crocein scarlet 3BX..lb. .60 - —
185 Cochineal red A.....lb. .60 - —
Water-soluble:—
Red:—
252 Brilliant crocein 3R..lb. .68 - —
677 Fuchsin.....lb. 2.10 - —
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6G.....lb. 4.50 - —
768 Eosin G.....lb. 1.50 - —
841 Safranin.....lb. 1.45 - —
Water-soluble:—
Violet:—
680 Methyl violet B.....lb. .75 - —
681 Crystal violet C.....lb. 1.75 - —
695 Acid violet 4BN....lb. .88 - —
Dyes, coaltar, for stains (numbers are those of Colour Index scale)
Yellow:—
10 Naphthol yellow S..lb. .88 - —
138 Metanil yellow.....lb. .53 - —
636 Fast light yellow...lb. 1.35 - —
639 Xylene light yellow.lb. 1.15 - —
640 Tartrazin.....lb. .80 - —
655 Auramine.....lb. 1.37 - —
Dyes, natural (see name of article).

E

Echinacea root, bls.....lb. .17 - .18
Egg albumen (see Albumen).
yolk, bbls.....lb. .67 - .69
Elder flowers, bright, bls.....lb. .21 - .23
Elecampane root, bls.....lb. .10 - .11
Elm bark, grinding, bls.....lb. .10 - .11
powd., bbls., bxs.....lb. .20 - .21
select, bndls.....lb. .25 - .26
Emetine hydrochloride, bots..oz. 13.50 -14.00
Ephedra, bls.....lb. .11 - .12
Ephedrine, tins, 1,000 ozs....oz. 2.15 - —
tins, 100 ozs.....oz. 2.25 - —
Hydrochloride, tins, 1,000 ozs ox. 1.50 - —
tins, 100 ozs.....oz. 1.60 - —
Sulphate, cryst., 1,000 ozs...oz. 1.50 - —
tins, 10 0ozs.....oz. 1.60 - —
Epsom salt, tech., bgs....100 lbs. 1.80 - —
bbls.....100 lbs. 1.90 - —
USP, cryst., dom., bgs., c.l., 100 lbs. 2.00 - —
l.c.l., 5,000 lbs., 1 with-drawal..lb. 2.25 - —
smaller lots.....lb. 2.50 - —
bbls., c.l.....lb. 2.10 - —
l.c.l., 5,000 lbs., 1 with-drawal..lb. 2.35 - —
smaller lots.....lb. 2.60 - —
kgs., c.l.....lb. 2.35 - —
l.c.l., 5,000 lbs., 1 with-drawal..lb. 2.60 - —
smaller lots.....lb. 2.85 - —
dried, dom., bgs., l.c.l...lb. .08 - .10
Ergot, USP, cs., dms.....lb. 1.30 - 1.35
Eserine, bats.....oz. 42.00 - —
Salicylate, bots.....oz. 33.00 -34.00
Sulphate, bots.....oz. 30.00 - —
Ether, acetic (see Ethyl acetate)
Butyl, dms., l.c.l., dlvd.....lb. .25 - —
cns.....lb. .29 - .31
Ethyl (see Ether, sulphuric).
Nitrous, conc., bots., 100 lbs., lb. .08 - —
Sulphuric, conc., dms., 120 lbs., lb. .09 - —
cns., 27 lbs.....lb. .14 - —
synth., dms., c.l., works..lb. .08 - —
l.c.l., works.....lb. .09 - —
USP, anesthesia, dms., 27 lbs. lb. .26 - —
USP, 1880, dms.....lb. .30 - .40
washed, dms.....lb. .37 - .38
Ethyl acetate, 85 p.c., dms., c.l., frt. alld..lb. .061 - —
l.c.l., frt. alld.....lb. .066 - —
tanks, frt. alld.....lb. .051 - —
99%, dms., c.l., frt. alld....lb. .0685- —
l.c.l., frt. alld.....lb. .0735- —
tanks, frt. alld.....lb. .0585- —
N. F., VI, 99%, dms., 400 lbs. lb. .08½- —
cns., 35 lbs.....lb. .13½- —
Acetate, USP, VIII, 90%, dms., 400 lbs..lb. .07½- —
cns., 35 lbs.....lb. .12½- —
Acetoacetate, dms., c.l., works, lb. .27½- —
l.c.l., dms., works.....lb. .28 - —
Bromide, tech., dms.....lb. .50 - .55
Caproate, cns.....lb. 1.00 - —
Chloride, dms.....lb. .18 - .20
Cinnamate, cns.....lb. 3.20 - 4.00
Crotonate, 55 and 110 gal. dms., dlvd..lb. .33 - —
5 and 10 gal. dms., dlvd...lb. .36 - —
Formate, cns., dms.....lb. .23 - .24
Iodide, bots.....lb. 5.01 - —
Lactate, 55-gal. dms., works, lb. .33½- —
5-gal. dms., works.....lb. .37½- —
Oxalate, dms., frt. alld....lb. .25 - —
Silicate, l.c.l., dms., works..lb. .77 - —
Ethylcellulose, bgs., 500 lbs. or more, frt. alld..lb. .48 - —
contracts, frt. alld.....lb. .47 - —
100 lbs., frt. alld.....lb. .50 - —
smaller lots, works.....lb. .55 - —
Ethylene bromide, dms.....lb. .65 - .70
Dichloride, dms., c.l., works, E. of Rockies, frt. alld..lb. .0545- .05½
West of Rockies, same basis..lb. .0595- .06
l.c.l., works, E. of Rockies, frt. alld..lb. .0644- .06½
West of Rockies, same basis..lb. .0694- .07
Ethyleneglycol, dms., c.l.....lb. .16 - —
l.c.l.....lb. .17 - .20
tanks.....lb. .15 - —
Monobutylether, dms., c.l., works..lb. .18 - —
l.c.l., works.....lb. .19 - .23
tanks, works.....lb. .17 - —
Monoethylether, dms., c.l., works..lb. .15 - —
l.c.l., works.....lb. .16 - —
tanks, works.....lb. .14 - —
Monoethylether, acetate, dms., c.l., works..lb. .13 - —
l.c.l., dms.....lb. .14 - —
tanks, works.....lb. .12 - —
Monomethylether, dms., c.l., works..lb. .17 - —
l.c.l., works.....lb. .18 - —
tanks, works.....lb. .16 - —

Ethylidinanilin, dms.....lb. .45 - .47½
Ethylorthoparatoluenesulphonamide, bbls..lb. .60 - —
Eucalyptol, cns., dms.....lb. .55 - .57
Eucalyptus leaves, bls.....lb. .08 - .09
bbls..lb. .55 - —
Ethylparatoluenesulphonamide, Eugenol, bgs., cns.....lb. 1.70 - 2.15
Euphorbia, bls.....lb. .05 - .08

F

Feldspar, enamel, 100 mesh, bulk, works..ton.14.00 -17.50
glass, 20 mesh, bulk, works.ton. 9.75 -13.25
pottery, bulk, Me., works...ton.17.00 -19.00
N.C. works.....ton.17.00 -19.00
Fennel seed, French type, bgs., lb. .07¾- .08¼
Indian, bgs. .....lb. .07½- .07¾
German, large, bgs.....lb. .18 - .19
small, bgs. .....lb. .12 - .13
Fenugreek seed, bgs.....lb. .03¾- .04¼
Ferric Sulphate, anhyd., c.l., works..ton.35.00 - —
l.c.l. .....ton.40.00 - —
Film scrap, colors, dark, cs., 1,000 lbs., or over, works..lb. .10 - —
smaller lots, works..lb. .11 - —
light, cs., 1,000 lbs. or over, works..lb. .11 - —
smaller lots, works..lb. .12 - —
water white, cs., 1,000 lbs., or over, works..lb. .12 - —
smaller lots, works...lb. .13 - —
Fir balsam, Canada, cns....gal.11.00 -11.50
Oregon, bbls.....gal. 1.05 - 1.10
Fish berries, bgs.....lb. .08 - .09
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures..unit-ton. No prices.
grd., 11-12% ammon., 15% bone phos., bgs., f.o.b. Balto..ton.50.00 - —
wet, acidulated, 6-7% ammon., 3-4% phosphor. acid, bulk, So. Atlantic factories, contracts..unit-ton. 2.50 ▲ .60
sardine, meal, Japanese, 11½% ammon., bgs., c.i.f. ports, shipt..ton.46.50 - —
Flake, white, bbls., kgs.....lb. .10¼- —
Fleaseed, French, black, bgs..lb. .14 - .14¼
Indian, blonde, bgs.....lb. .07 - .07½
Fluorspar, dom., No. 1 ground, bulk, 95-98%, f.o.b. mines, ton.31.50 - —
Washed gravel, 85-5, f.o.b. Ill.-Ky. mines..ton.19.00 -20.00
No. 2, lump, 85.5 f.o.b. Ky. and Ill. mines..ton.20.00 -21.00
imported, 85% not over 5% duty paid..ton.23.50 -24.00
Formaldehyde, bbls., c.l., works, lb. .05¾- —
l.c.l., works.....lb. .06¼- —
dms., c.l., works.....lb. .05¼- —
l.c.l., works.....lb. .05¾- —
tanks, works.....lb. .04½- —
Fringetree bark, bls.....lb. .10 - .14
Fullers earth, dom., bgs., c.l., f.o.b. Fla., Ga., mines..ton.10.00 - —
import, bgs., c.l., ex dock..ton.23.00 - —
l.c.l., ex whse.....ton.30.00 - —
Furfural, refd., c.l., works, lb. .15 - —
l.c.l., works.....lb. .17¼- .25
tech., dms., contracts, 150,000 lbs..lb. .10 - —
c.l., works.....lb. .12½- —
l.c.l., works.....lb. .15 - .20
tanks, works.....lb. .09 - —
Fusel oil, refd., dms., incl., divd., lb. .12½- .14
Fustic extract, cryst., bbls....lb. .22 - .28
liquid, bbls.....lb. .06½- .13
solid, dms.....lb. .17½- .19¼

G

G salt, bbls.....lb. .45 - —
Galangal root, bls.....lb. .10 - .11
Gall extract, bbls.....lb. .22 - —
Gambier, common, cases.....lb. .06¾ Nom.
plantation, cases .....lb. .08¼- .09
Cubes, Singapore, cases....lb. .08½- .09
Extract, bbls. .....lb. .06½- .09¼
Gasoline at refinery:—
Bayonne, US motor, below 65 octane, tanks..gal. .06½- —
65 octane and above, tanks, gal. .06¼- —
California, 54-58, tanks...gal. .06½- .06¾
Gulf Coast, U. S. Motor, bulk, gal. .04¾- .04⅞
60-62, 390 e.p., bulk, export, gal. .04¾- .04⅞
60-62, 400 e.p., bulk, export, gal. .04¾- .04⅞
64-66, 375 e.p., bulk, export, gal. .04⅞- —
Louisiana-Arkansas, US motor, 62 octane, tanksgal. .04¼- .04½
63-66 octane, tanks....gal. .04½- .04⅝
67-69 octane, tanks....gal. .04⅝- .05
70-72 octane, tanks....gal. .05½- .05¾
Oklahoma-Texas, US motor, 62 octane and below, tanks..gal. .04 - —
third grade, tanks..gal. .04 - —
63-68 octane, tanks....gal. .03⅞- —
67-69 octane, tanks....gal. .04½- —
70-72 octane, tanks....gal. .04¾- —
natural, 12-lb. v. p., tanks, gal. .03¼- .03½
14-lb. v.p., tanks.....gal. .03⅜- —
18-lb. v.p., tanks.....gal. .02⅝- .02¾
22-lb. v.p., tanks.....gal. .02¾- —
26-70 lb., v.p., tanks..gal. .03 - —
Pennsylvania, US motor, below 60 octane tanks.. gal. .05 - —
65 octane, tanks.....gal. .06½- —
52-56 450 e.p., naphtha, tanks..gal. .04¾- .05
Gelatin, silver, cs.....lb. .45 - .50
Gelsemium root, bls.....lb. .11 - .12
Gentian root, bls.....lb. .07½- .08
grd., bbls., bxs.....lb. .09½- .10
powd., bbls., bxs.....lb. .10½- .11
Geraniol, cns., dms.....lb. .67 - 3.00
Geranyl acetate, bots., dms...lb. 1.20 - 2.50
Ginger root, African, bgs.....lb. .06½- .07
Cochin, lemon, bgs.....lb. .09½- .09¾
Jamaica, bold, bgs.....lb. .15 - .15½
grinding, bright, bgs....lb. .10¾- .11
medium, bold, bgs.....lb. .11¾- .12
Japanese, bgs. .....lb. .07¾- .08
Ginseng fibers, cs. .....lb. 1.75 - 3.00
Root, cultivated, cs.....lb.10.00 -11.00
wild, Southern, cs.....lb. 6.00 - 7.00
Glauber's salt, anhyd. (See Soda Sulphate).
cryst., dom., bgs., bbls., c.l., works..100 lbs. .95 - 1.18
5 tons or over, works... 100 lbs. 1.05 - 1.25
less than 5 tons, works.. 100 lbs. 1.15 - 1.35
import., bgs. .....100 lbs. 1.05 - 1.35
Glue, bone, calcimine type, 24 millipoise, 36 jelly-grams, bgs., c.l., divd..lb. .11½- —
l.c.l., divd.....lb. .12 - —
36/58, bgs., c.l., divd....lb. .11 - —
l.c.l., divd.....lb. .11¼- —
58/82, bgs., c.l., divd....lb. .12½- —
l.c.l., divd.....lb. .13 - —
82/108, bgs., c.l., divd...lb. .13 - —
l.c.l., divd.....lb. .13½- —
hide, calcimine type, 53 millipoise, 135 jelly grams, bgs., c.l., divd., East, Middlewest..lb. .15 - —
l.c.l., same basis.....lb. .15½- —
60/164, bgs., c.l., same basis, lb. .16½- —
l.c.l., same basis.....lb. .17 - —
67/122, bgs., c.l., same basis, lb. .17½- —
l.c.l., same basis.....lb. .18 - —
75/222, bgs., c.l., same basis, lb. .18½- —
l.c.l., same basis.....lb. .19½- —
88/251,bgs.,c.l.,same basis.lb. .19½- —
l.c.l., same basis.....lb. .20½- —
92/283,bgs.,c.l.,same basis.lb. .20½- —
l.c.l., same basis.....lb. .21½- —
102/315, bgs., c.l., same basis, lb. .21 - —
l.c.l., same basis.....lb. .22 - —
113/347, bgs., c.l., same basis, lb. .22 - —
l.c.l., same basis.....lb. .23 - —
125/379, bgs., c.l., same basis, lb. .23 - —
l.c.l., same basis.....lb. .24 - —
Glue prices for barrel packing, ½c. lb. higher, grinding charge, 20-40 mesh, ½c. lb.; 60 mesh, 1c. lb.
Glycerin, C.P., cns., l.c.l.....lb. .14½- .15
dms., c.l., divd.....lb. .12½- —
l.c.l., divd.....lb. .13 - —
tanks, divd.....lb. .12¼- —
dynamite, dms.....Nominal.
high gravity, dms., c.l., divd.lb. .12 - —
l.c.l., divd.....lb. .12½- —
tanks, divd.....lb. .11¾- —
saponification, basis 88%, dms., returnable, divd..lb. .08½- .08¾
soaplye, basis 80%, dms., returnable, divd..lb. .07½- .07¾
Glycol boriborate, dms.....lb. .29 - —
Phthalate, dms.....lb. .39 - —
Stearate, dms. .....lb. .25 - —
Gold, U.S. purchase price....oz.35.00 - —
Chloride, acid brown, bots..oz.20.75 -21.00
yellow, bots. .....oz.18.75 -19.00
Gold-soda chloride, photo., bots., oz.13.00 - —
U.S.P. IX. bots.....oz.14.50 -14.75
Gold of pleasure seed, bgs....lb. .12 - .12½
Goldenseal root, bls.....lb. 2.75 - 2.80
powd., bxs.....lb. 3.15 - 3.20
Grains of paradise, bgs.....lb. .45 - .48
Graphite, flake (cryst.), 90% 325 mesh, 50% graphitic carbon, bgs., c.l., works.lb. .06 - —
bbls., c.l., works.....lb. .06¼- —
l.c.l., works .....lb. .06½- —
powd., amorph., 90% 325 mesh, 65% graphitic carbon bgs., c.l.,works..lb. .02½- —
65% graphitic carbon, bbls., c.l., works..lb. .02¾- —
l.c.l., works.....lb. .03¼- —
80% graphitic, carbon, bgs., c.l., works..lb. .03½- —
bbls., c.l., works.....lb. .03¾- —
l.c.l., works.....lb. .04½- —
Grease, house, trcs.....lb. .04¾- .05
White, trcs.....lb. .05½- .05¾
Yellow, trcs.....lb. .04¾- .05
Wool (see Adeps lanae and Degras).
Green, chrome, C.P., dark, light, medium, blue content up to 5%, bbls., divd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .21 - —
6-10%, bbls., same basis.lb. .22 - —
11-15%, bbls., same basis..lb. .23 - —
16-20%, bbls., same basis.lb. .23½- —
21-25%, bbls., same basis.lb. .24 - —
26-30%, bbls., same basis.lb. .24½- —
31-35%, bbls., same basis.lb. .25½- —
36-40%, bbls., same basis.lb. .27 - —
41-45%, bbls., same basis.lb. .28½- —
46-50%, bbls., same basis.lb. .30 - —
over 50%, bbls., same basis lb. .31 - —
Chrome green prices are ½c. higher divd. Ala., Fla., Ga., La., (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ¼c. higher divd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Chrome, reduced, C.P., color content up 5%, same basis. lb. .06 - —
6-10%, bbls., same basis.lb. .06¾- —
11-13%, bbls., same basis.lb. .07¼- —
14-16%, bbls., same basis.lb. .07¼- —
17-19%, bbls., same basis.lb. .07¾- —
20-21%, bbls., same basis.lb. .08 - —
22-23%, bbls., same basis.lb. .08¼- —
24-25%, bbls., same basis.lb. .08½- —
26-27%, bbls., same basis.lb. .08¾- —
28-29%, bbls., same basis.lb. .09¼- —
30-31%, bbls., same basis.lb. .10 - —
32-33%, bbls., same basis.lb. .11¼- —
34-35%, bbls., same basis.lb. .12¼- —
36-40%, bbls., same basis.lb. .14¼- —
41-45%, bbls., same basis.lb. .16¼ —
46-50%, bbls., same basis.lb. .16¾- —
51-55%, bbls., same basis.lb. .17¾- —
56-60%, bbls., same basis.lb. .17¾- —
61-65%, bbls., same basis.lb. .18¾- —
66-70%, bbls., same basis.lb. .19¼- —
71-75%, bbls., same basis.lb. .20¼- —
Chrome oxide, dom., pure, bbls. lb. .22 - —
ceramic, light shades, bbls., c.l., works..lb. .28 - —
l.c.l., works .....lb. .30 - —
standard grade, bbls., works..lb. .21 - .22
Chrome, tetrahydroxide, bbls.lb. .85 - —
Green, Paris (see P).
Tungstated, brilliant, kgs....lb. 3.50 - —
emerald, kgs.....lb. 2.35 - —
Verdigris (see V).
Green dyes are listed under Dyes.
Grindelia robusta, bls.....lb. .08 - .09
Guaiac resin, cs.....lb. .27 - .28
strained, cs. .....lb. .90 - 1.00
Wood, bls. .....lb. .04 - .05
Guaiacol, liq., djns.....lb. 1.65 - 1.91
Carbonate, fib. dms., 25 lbs..lb. 2.40 - 2.74
Guarana, powd., cs. .....lb. 1.05 - 1.10
Gum, aloe (see A).
Ammoniac, tears., cs.....lb. .85 - .90
Arabic, amber sorts, cleaned, bgs..lb. .09 - .09¼
white sorts, 1, bgs.....lb. .23 - .24
2, bgs.....lb. .21 - .22
white powd., bbls.....lb. .12½- .14
Asafetida (see A).
Asphaltum (see A).
Benzoin, Siam, cs.....lb. 1.40 - 1.60
Sumatra, cs.....lb. .20 - .21
Camphor (see C).
Chicle, prime, 33% moisture, bgs., ton lots..lb. .38 - .39
Gum, Copal, Congo, 1, water white, transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Fran....lb. .34¾- —
Gum, copal, dammar, elemi, kauri, mastic, sandarac, and yacca gums prices c.l. (30,000 lbs. min.) apply to assorted lots of gums as well as one grading; l.c.l. prices are ¼c. higher for 10 bgs. or over; ½c. higher for 1-9 bgs.
2, cloudy, white, bgs., c.l., same basis..lb. .26¾- —
3, selected pale straw bold, bgs., c.l., same basis..lb. .17½- —
4, pale bold straw, bgs., c.l., same basis..lb. .18¼- —
5, pale, straw bold, bgs., c.l., same basis..lb. .14¼- —
6, pale amber bold, bgs., c.l., same basis..lb. .14¾- —
7, pale, straw bold, bgs., c.l., same basis..lb. .11¾- —
8, light amber bold, bgs., c.l., same basis..lb. .11¾- —
9, medium light amber, bold, bgs., c.l., same basis..lb. .09 - —
10, rescraped hard amber bold, bgs., c.l., same basis, lb. .09¼- —
11, hard dark amber bold, bgs., c.l., same basis..lb. .07¼- —
12, selected, bold sorts, bgs., c.l., same basis..lb. .06½- —
13, dark sorts bold, bgs., c.l., same basis..lb. .05¾- —
14, selected, fully scraped, ivory, bgs., c.l., same basis..lb. .17½- —
15, ordinary ivory sorts, bgs., c.l., same basis..lb. .06¾- —
16, inferior ivory sorts, bgs., c.l., same basis..lb. .05¾- —
17, pale, fingers, bgs., c.l., same basis..lb. .14¼- —
18, pale straw nubs, bgs., c.l., same basis..lb. .11¾- —
19, pale straw nubs, bgs., c.l., same basis..lb. .11¼- —
20, hard dark amber nubs, bgs., c.l., same basis..lb. .08¼- —
21, ordinary selected nubs, c.l., same basis..lb. .06¾- —
22, small mixed nubs, bgs., c.l., same basis..lb. .06¼- —
23, dark mixed nubs, bgs., c.l., same basis..lb. .06¼- —
24, No. 1, ivory nubs, bgs., c.l., same basis..lb. .14¼- —
25, No. 2, natural ivory nubs, bgs., c.l., same basis, lb. .06¼- —
26, pale, bold chips, bgs., c.l., same basis..lb. .06 - —
27, pale small chips, bgs., c.l., same basis..lb. .05¾- —
28, pale dust, bgs., c.l., same basis..lb. .04½- —
East India, Batu, bold scraped, bgs., c.l., same basis, lb. .05¼- —
unscraped, bgs., c.l., same basis..lb. .04 - —
chips, bgs., c.l., same basis, lb. .03¾- —
dust, bgs., c.l., same basis..lb. .03¼- —
nubs and chips, bgs., c.l., same basis..lb. .03¾- —
black, bold, scraped, bgs., c.l., same basis..lb. .06¾- —
unscraped, bgs., c.l., same basis..lb. .04½- —
nubs and chips, bgs., c.l., same basis..lb. .04¾- —
Hiroe, Macassar, pale, bold, bgs., c.l., same basis.lb. .11¾- —
chips, bgs., c.l., same basis..lb. .05¾- —
dust., bgs., c.l., same basis..lb. .03¼- —
nubs, bgs., c.l., same basis..lb. .09½- —
Singapore, Rasak, bold, bgs., c.l., same basis..lb. .14½- —
chips, bgs., c.l., same basis, lb. .06½- —
dust, bgs.,c.l.,same basis.lb. .03¼- —
nubs, bgs., c.l., same basis, lb. .10 - —
Manila, Boeas, amber and dark, bskts., c.l., same basis..lb. .11½- —
light, bskts., c.l., same basis..lb. .13¾- —
Loba A, bskts., c.l., same basis..lb. .10½- —
B, bskts.,c.l.,same basis.lb. .10¼- —
C, bskts., c.l., same basis. lb. .09¾- —
CNE, bskts., c.l., same basis..lb. .06 - —
D, bskts., c.l., same basis, lb. .09¾- —
DK, bskts., c.l., same basis, lb. .06 - —
DU, bskts., c.l., same basis, lb. .08¾- —
dust, bskts.,c.l., same basis, lb. .05½- —
Sambas and white split chips, bskts., c.l., same basis..lb. .14¾- —
Singapore, dust., bskts., c.l., same basis..lb. .05½- —
spirit-soluble, CBB, bskts., basis..lb. .08¼- —
DBB, bskts., c.l., same basis..lb. .07¾- —
MA, bskts., c.l., same basis, lb. .05¾- —
MB, bskts., c.l., same basis, lb. .05¾- —
WS, bskts., c.l., same basis, lb. .07¾- —
Philippine, Manila, amber sorts, bskts., c.l., same basis..lb. .06¼- —
chips, pale, bskts., c.l., same basis..lb. .08¼- —
small, bskts., c.l., same basis..lb. .07¼- —
extra pale sorts, bskts., c.l., same basis..lb. .08¾- —
nubs, bskts., c.l., same basis..lb. .10¾- —
pale, scraped, bskts., c.l., same basis..lb. .11¾- —
seeds and dust, bskts., c.l., same basis..lb. .05¾- —
Pontianak, bold, genuine, bgs., same basis..lb. .15¼- —
mixed, bgs., c.l., same basis..lb. .14 - —
chips, bgs., c.l., same basis, lb. .08¼- —
split, bgs., c.l., same basis, lb. .13½- —
nubs, bgs., c.l., same basis. lb. .11¾- —
Dammar, Batavia, A, cs., c.l., same basis as copal.lb. .20 - —
A/D, cs., c.l., same basis.lb. .14½- —
A/E, cs., c.l., same basis.lb. .12¼- —
B, cs., c.l., same basis..lb. .18½- —
C, cs., c.l., same basis....lb. .14⅞- —
D, cs., c.l., same basis..lb. .13½- —
dust., cs., c.l., same basis.lb. .05¾- —
E, cs., c.l., same basis...lb. .07¾- —
F, cs., c.l., same basis...lb. .07¼- —

Gum, dammar, Singapore 1, cs., c.l., same basis..lb. .15¼- —
2, cs., c.l., same basis....lb. .11¼- —
3, cs., c.l., same basis....lb. .05¼- —
chips, cs., c.l., same basis.lb. .09¼- —
dust., cs., c.l., same basis, lb. .05¼- —
seeds, cs., c.l., same basis, lb. .07¾- —
Elemi, cns., c.l., same basis as copal..lb. .08½- —
Ester, dms., divd., New England, N. J., eastern N. Y. and Pa., Del., and Md., 75,000 lbs., contrs. or single sl.ipt., 10,000 lbs., lb. .06¼- .06½
less than 10,000 lbs., same basis..lb. .06½- .07
divd., western N.Y., and Pa., Ohio, Mich., Ind., Ill., Wis., Minn., Iowa, Mo., Ky., Va., W. Va., and N. C., 75,000 lbs., contrs. or straight c.l. .....lb. .06¾- .07
l.c.l., same basis.....lb. .07 - .07½
divd., elsewhere, 75,000 lbs., contrs. or straight, c.l., lb. .07 - .07½
l.c.l., same basis.....lb. .07½- .07¾
Euphorbium, cs. .....lb. .22 - .23
Galbanum, cs. .....lb. .90 - .95
Gamboge, pipe, cs.....lb. .60 - .65
powd., bbls. .....lb. .65 - .70
Ghatti, soluble, bgs.....lb. .11 - .15
superior, bgs. .....lb. .09 - .11
Guaiac (see Guaiac resin)
Karaya, bbls., bxs., dms....lb. .14½- .23
Kauri, brown, XXX, cs., c.l., lb. .60 - —
BX, cs., c.l., same basis..lb. .38 - —
B1, cs., c.l., same basis..lb. .28 - —
B2, cs., c.l., same basis..lb. .24 - —
B3, cs., c.l., same basis..lb. .18½- —
80% chips, cs., c.l., same basis..lb. .12½- —
pale, XXX, cs., same basis, lb. .61 - —
1, cs., c.l., same basis..lb. .41 - —
2, cs., c.l., same basis..lb. .24 - —
3, cs., c.l., same basis..lb. .17¾- —
Kino, tins.....lb. 2.50 Nom.
Mastic, cs., c.l., same basis as copal..lb. .55 - .56
Myrrh, USP, cs.....lb. .45 - .50
Olibanum, siftings, bls.....lb. .07½- .18
tears, cs. .....lb. .18 - .24
Opium (see O)
Rosin (see R)
Sandarac, cks., c.l., same basis as copal..lb. .19 - .20
Scammony, cs. .....lb. 1.10 - 1.15
Senegal, picked, bgs.....lb. .25 - .27
sorts, bgs. .....lb. .09¼- .09½
Talha, bgs. .....lb. .07½- .08
Thus, bbls. .....280 lbs.14.00 -14.25
Tragacanth, Alleppo 1, cs....lb. 2.40 2.45
2, cs.....lb. 2.30 - 2.35
3, cs.....lb. 1.90 - 1.95
flake, bgs. .....lb. .50 - 1.00
Yacca, bgs., c.l., same basis as copal..lb. .03½- —
powd., bgs., c.l., same basis.lb. .04½- —
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equal.ton.21.15 - —
Medicine Lodge, Kans., frt. equald..ton.17.00 - —
New Brighton, N. Y., frt. equald..ton.27.15 - —
Southard, Okla., frt. equald..ton.17.00- —
Sweetwater, Tex., frt. equald..ton.21.15 - —
plaster of paris, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.12.50 - —
Blue Rapids, Kans., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.15.70 - —
Southard, Okla., frt. equald..ton.12.50 - —
Sweetwater, Tex., frt. equald..ton.12.50 - —
stucco, paper bgs., c.l., f.o.b. Acme, Tex.; Blue Rapide, Kans.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, O.; New Brighton, N. Y.; Plasterco, Va.; Southard, Okla.; Sweetwater, Tex., frt. equald.....ton. 8.00 - —
Terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y.; Southard, Okla., frt. equald..ton.12.00 - —
import, bgs., ex dock....ton.27.50 - —

H

Hawthorn berries, bgs.....lb. .20 - .21
Heliotropin, cryst., cns.....lb. 1.80 - 2.20
Hellebore, white, root, powd., bbls.lb. .12 - .18
Helonias root bls.....lb. .85 - .90
Hematine crystals, bbls.....lb. .18 - .20
Hemlock bark extract, 25% tan, c.l., bbls., works..lb. .03 - —
l.c.l., bbls., works.....lb. .03¼- —
tanks, works.....lb. .02⅝- —
Hempseed, Manchur, bgs.....lb. .05¼- .05½
Henbane leaves, bls.....lb. .15 - .16
Henna leaves, bls.....lb. .07½- .09
powd., bbls., bxs.....lb. .10 - .11
Heptane, mixed, 77-115°C., dms., c.l., Group 3..gal. .11 - —
l.c.l., Group 3.....gal. .16 - —
tanks, Group 3.....gal. .08½- —
normal, 96-100°, dms., c.l., Group 3..gal. .11¼- —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .09¼- —
Hexalin, dms.....lb. .80 - —
Hexane, normal, 60-70° C., dms., c.l., Group 3..gal. .12½- —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10½- —
laboratory grade, dms., c.l., Group 3..gal. .14 - —
l.c.l., Group 3.....gal. .26 - —
Hexamethylenetetramine, tech., dms., 1,500 lbs. or more shipments, f.o.b. Perth Amboy or N. Y. C..lb. .35 - —
150 to 1,350 lbs. shipments, same basis..lb. .36 - —
USP, dms., 500 lbs., or more, shipments, same basis, lb. .46 - —
100 to 400 lbs., shipments, same basis..lb. .47 - —
Hexyl acetate, secondary, dms., c.l., frt. pd. E. of Rocky Mts..lb. .13 - —
l.c.l., same terms.....lb. .13¼- —
tanks, same terms.....lb. .12 - —
Homatropine hydrobromide, bots., 50 ozs..oz.13.00 - —
25 ozs.....oz.13.50 - —
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago..unit-ton. 2.50 - 2.65
Hops, N. F., bls.....lb. .17 - .27

Horehound—Manganese

Horehound, bls.	lb.	.09 -	.10
Hydrangea, root, bls.	lb.	.09 -	.10
Hydrastine, bots., 4 ozs.	oz.	17.25 -	—
cns., 16 ozs.	oz.	17.00 -	—
Hydrochloride, bots., 4 ozs.	oz.	17.25 -	—
cns., 16 oz.	oz.	17.00 -	—
Sulphate, bots., 4 ozs.	oz.	19.25 -	—
cns., 16 oz.	oz.	19.00 -	—
Hydrastis (see Golden seal).			
Hydrofuramide, dms., 100 lbs. or more, works.	lb.	.30 -	—
fib. ctns., works	lb.	.40 -	—
Hydrogen peroxide, USP, bbls.	lb.	.03¾-	.04
100 vols., cbys., E. of Miss. R.	lb.	.20 -	—
Hydroquinone, dealers, bbls., dms.	lb.	.90 -	.94
Hydroxycitronellal, cns.	lb.	2.00 -	2.50
Hyoscine hydrobromide, bots.	oz.	18.00 -	19.00
Hyoscyamine, bots.	oz.	15.00 -	—
Hydrobromide, bots.	oz.	15.00 -	—
Sulphate, bots.	oz.	15.00 -	—
Hypernic, liq., 51°, bbls.	lb.	.16 -	.21
solid, bxs.	lb.	.18½-	.20½

I

Iceland moss, bls.	lb.	.12 -	.13
Ichthyol, bots.	lb.	4.00 -	4.25
Indian red (see Red, Indian).			
Indigo, nat., Madras, cs.	lb.	1.63 -	1.67
synth., liq., bbls.	lb.	.16½-	.19
powd., bbls.	lb.	.74½-	.85
Indol, CP, bots.	lb.	32.00 -	34.00
Insect flowers (see Pyrethrum).			
Iodine, crude, jars, 25 lbs.	lb.	1.30 -	—
kgs., 150 lbs.	lb.	1.07 -	—
less 5%, kgs., 150 lbs.	lb.	1.07 -	—
resubl., bots., 5 lbs.	lb.	1.85 -	—
jars, 50 lbs.	lb.	1.75 -	—
tincture, USP, bbls., 47 gals.,	gal.	1.70 -	—
cbys., 5 gals.	gal.	1.75 -	1.80
mild, bbls., 47 gals.	gal.	.95 -	—
cbys., 5 gals.	gal.	1.00 -	1.05
Iodoform, dms., 100 lbs.	lb.	3.95 -	—
jars, 25 lbs.	lb.	4.05 -	—
Ionone, alpha, bots.	lb.	2.50 -	2.55
alpha, extra, bots.	lb.	4.00 -	4.05
alpha beta, bots.	lb.	2.25 -	2.30
beta, bots.	lb.	4.10 -	4.15
Ipecac root, bgs.	lb.	1.10 -	1.15
powd., bxs.	lb.	1.20 -	1.25
Irish moss, ordinary, bls.	lb.	.10 -	.11
powd., 80-90 mesh, bbls.	lb.	.20 -	.22
prime, bleached, bls.	lb.	.18 -	.20
Iron acetate, N. F. IV, cbys., 100 lbs.	lb.	.15 -	—
djns., 50 lbs.	lb.	.16 -	—
liquor, bbls., c.l., dlvd.	lb.	.03 -	—
l.c.l., dlvd.	lb.	.04 -	—
Chloride (ferric), tech., anhydr., 390-lb. dms.	100 lbs.	4.65 -	6.25
150-lb. dms	100 lbs.	5.00 -	6.60
cryst., bbls., works, frt. alld. or equid.	lb.	.05 -	.06
kegs, works, frt. alld. or equid.	lb.	.07½-	.08
liquor, cbys., works, frt. alld. or equid.	lb.	.05 -	.06
USP X, cryst., bbls.	lb.	.07½-	—
kegs	lb.	.08½-	—
USP solut., cbys., works, frt. alld. or equid.	lb.	.06½-	.07
djns	lb.	.07½-	—
USP VIII, pearls	lb.	.72 -	.75
powd., cns.	lb.	.84 -	.87
scales, cns.	lb.	.77 -	.80
Glycerophosphate, bbls., kgs., 1,000 lb. lots.	lb.	2.87 -	—
smaller lots	lb.	2.97 -	—
cns., 25 lbs.	lb.	3.09 -	—
Hypophosphite, cns.	lb.	1.55 -	1.60
Iodide, bots.	lb.	2.99 -	—
syrup, djns.	lb.	.37 -	.38
bots		.52 -	—
Nitrate, coml., kgs.	lb.	.02¾-	.03
Oxalate, powd., kgs.	lb.	.47 -	—
cns.	lb.	.52 -	—
scales, cns.	lb.	.83 -	.85
Oxide (see Black, Red, etc.).			
Phosphate, ferric, pearls, cns., 50 lbs.	lb.	.54 -	—
25 lbs.	lb.	.57 -	—
scales, cns., 50 lbs.	lb.	.59 -	—
25 lbs.	lb.	.62 -	—
Phosphate, ferrous, bbls., 200 lbs.	lb.	.35 -	—
bxs., 25 lbs.	lb.	.40 -	—
kgs., 100 lbs.	lb.	.37 -	—
Pyrophosphate, pearls, cns.	lb.	.59 -	.62
scales, cns.	lb.	.64 -	.67
Reduced, 90%, cs.	lb.	.60 -	.65
Sulphate, tech. (see Copperas and ferric sulphate).			
Sulphate, U.S.P., cryst., bbls., 275 lbs.	lb.	.04¼-	—
dms., 100 lbs.	lb.	.06½-	—
Iron-ammonia citrate, brown, gran., cns.	lb.	.37 -	.40
pearls, cns.	lb.	.37 -	.40
scales, cns.	lb.	.47 -	.50
green, gran., cns.	lb.	.37 -	.40
pearls, cns.	lb.	.37 -	.40
scales, cns.	lb.	.47 -	.50
Oxalate, bxs.	lb.	.30 -	—
fib., dms.	lb.	.23½-	—
kgs.	lb.	.25½-	—
Iron-potash oxalate, bbls.	lb.	.42 -	—
kgs.	lb.	.44 -	—
jars	lb.	.48 -	—
Iron-soda oxalate, bxs.	lb.	.30 -	—
fib., dms.	lb.	.23½-	—
kgs.	lb.	.25½-	—
Isobutyl carbinol (see Carbinol).			
Isopentane, dms., works	lb.	.48 -	—
small lots, works	lb.	.50 -	—
Isopropanol (see Alcohol, isopropyl).			
Isopropyl acetate, dms., c.l., frt. pd. E. of Rocky Mts.	lb.	.061 -	—
l.c.l., same terms	lb.	.066 -	—
tanks, same terms	lb.	.051 -	—
Alcohol (see Alcohol).			
Ether, dms., c.l., works, frt. alld. E. of Miss R.	gal.	.49 -	—
l.c.l.	gal.	.55 -	—
tanks	gal.	.25 -	—

J

Jaborandi leaves, bls.	lb.	.09 -	.10
Jalap root, NF, bls.	lb.	.16 -	.17
powd., bbls., bxs.	lb.	.20 -	.21
Juniper berries, bgs.	lb.	.04 -	.05

K

Kamala, tins	lb.	.28 -	.29
Kaolin (see China clay).			
Kava kava root, bls.	lb.	.15 -	.16
Kerosene, at refinery:—			
Bayonne, 41-43 w.w., tanks.	gal.	.04¾-	.05
Gulf ports, p.w., bulk, export,	gal.	.03¾-	—
w.w., bulk	gal.	.04 -	—
Louisiana-Arkansas, 41-43 w.w., bulk	gal.	.04¾-	.04½
Oklahoma-Texas, 41-43 w.w., tanks	gal.	.04 -	.04¾
42-44 w.w., tanks	gal.	.04¼-	.04¾
Kerosene, at refinery, Pennsylvania, 45 w.w., tanks	gal.	.04¾-	.05
40 w.w., tanks	gal.	.04½-	.05½
47 w.w., tanks	gal.	.05 -	.05¼
Kerosene, tankwagon:—			
Atlanta	gal.	.12 -	—
Boston	gal.	.08 -	—
Chicago	gal.	.10 -	—
Cincinnati	gal.	.13 -	—
Denver	gal.	.11½-	—
Louisville	gal.	.10 -	—
Minneapolis	gal.	.104 -	—
New Orleans	gal.	.11 -	—
New York	gal.	.08¾-	—
San Francisco	gal.	.11½-	—
Kerosene distillate (see Oil, furnace).			
Kieserite, calc., 96-98% $MgSO_4$ bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd.	ton.	No prices	
Kola nuts, bgs.	lb.	.07 -	.08

L

Lady slipper root, bls.	lb.	.43 -	.44
Lanolin (see Adeps lanae).			
Lard, city, tubs	100 lbs.	7.50 -	7.75
Middlewestern, trcs.	100 lbs.	7.35 -	7.45
Neutral, trcs.	100 lbs.	8.25 -	8.50
Western, choice, trcs.	100 lbs.	7.40 -	7.50
Compound, trcs	100 lbs.	9.00 -	9.50
Larkspur seed, bgs.	lb.	.32 -	.35
Laurel berries, bls.	lb.	.09 -	.10
Leaves, Greek, bls.	lb.	.03¾-	.04¼
Lavender flowers, ordinary, bls.	lb.	.35 -	.40
select, bls.	lb.	.40 -	.45
Lead acetate, white, broken, bbls.	lb.	.10 -	—
cryst., bbls.	lb.	.10 -	—
gran., bbls.	lb.	.10¾-	—
powd., bbls.	lb.	.10¾-	—
Arsenate, bgs., dealers E. of Rockies.	lb.	.11 -	—
W. of Rockies	lb.	.11 -	—
l.c.l., bgs., dealers, E. of Rockies.	lb.	.11½-	—
W. of Rockies	lb.	.11¼-	—

Lead arsenate prices are works or whse basis, frt. alld, to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse pick ups.

Blue, basic sulphate, bbls., c.l., dlvd. E.	lb.	.06¼-	—
dlvd., Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.	lb.	.06½-	—
l.c.l., dlvd., E.	lb.	.06½-	—
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.	lb.	.07 -	—
Carbonate (see Lead, white).			
Chloride, pure, bots., 5 lbs.	lb.	.62 -	—
fib., dms., 25 lbs.	lb.	.49 -	—
Iodide, N. F., V., powd., bots., 5 lbs.	lb.	2.67 -	—
jars		2.55 -	—
Linoleate, pale, precip., dms.,	lb.	.19 -	—
Metal (see daily quotations in market report).			
Metallic, paste, 200-lb. cont., f.o.b. works.	lb.	.19 -	—
5-lb. cont., f.o.b. works.	lb.	.22 -	—
Nitrate, bbls.	lb.	.10 -	.13
Oleate, bbls.	lb.	.18½-	.20
Peroxide, cns., works	lb.	.46 -	.47
Red, dry, 95% or less, Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash.	lb.	07½-	—
other points	lb.	.07¾-	—
l.c.l., 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash.	lb.	.08 -	—
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.	lb.	.08½-	—
Colo., Mont., N. Mex., Wyo.	lb.	.08¼-	—
other points	lb.	.07¾-	—
smaller lots, etc.	lb.	.08½-	—
Ariz., etc.	lb.	.09 -	—
Ohio., etc.	lb.	.08¾-	—
other points	lb.	.08¼-	—
97%, Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., etc.,	lb.	.07¾-	—
other points	lb.	.07½-	—
l.c.l., 5 tons, dlvd., Ala., etc.	lb.	.08¼-	—
Ariz., etc.	lb.	.08¾-	—
Colo., etc.	lb.	.08½-	—
other points	lb.	.08 -	—
smaller lots, dlvd., Ala., etc.	lb.	.08¾-	—
Ariz., etc.	lb.	.09¼-	—
Colo., etc.	lb.	.09 -	—
other points	lb.	.08½-	—
98%, Pb_3O_4, bbls., c.l., (20 tons), dlvd., Ala., etc.	lb.	.08 -	—
other points	lb.	.07¾-	—
l.c.l., 5 tons, dlvd., Ala., etc.	lb.	.08½-	—
Ariz., etc.	lb.	.09 -	—
Colo., etc.	lb.	.08¾-	—
other points	lb.	.08¼-	—
smaller lots, dlvd., Ala., etc.	lb.	.09 -	—
Ariz., etc.	lb.	.09½-	—
Colo., etc.	lb.	.09¼-	—
other points	lb.	.08¾-	—
in oil, 95% min., 100-lb. kgs.,	lb.	.12¼-	—
Resinate, fused, 16%, bbls.	lb.	.09½-	—
pale, bbls.	lb.	.11½-	—
precip., bbls.	lb.	.16½-	—
Stearate, bbls.	lb.	.22 -	.23
Sulphate (see Lead, white, basic sulphate)			
Titanate, bbls., c.l., f.o.b. works, frt. alld.	lb.	.11 -	—
l.c.l., 5 tons, one delvy., dlvd.,	lb.	.11¼-	—
smaller lots	lb.	.11½-	—
White, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo.	lb.	.07¼-	—
other points	lb.	.07 -	—
l.c.l., dlvd., Ariz., etc.	lb.	.07½-	—
other points	lb.	.07¼-	—
basic sulphate, bbls., c.l., dlvd., Ariz., etc.	lb.	.06½-	—
other points	lb.	.06¼-	—
l.c.l., dlvd., Ariz., etc.	lb.	.06¾-	—
other points	lb.	.06½-	—
in oil, 100-lb. kgs., consumers.	lb.	.11¾-	—
dealers	lb.	.09¾-	—
painters	lb.	.10¾-	—
Lecithin, 100%, cns., f.o.b., N. Y., or Chi.	lb.	2.50 -	—
edible, grade 1, dms., c.l., same basis.	lb.	.45 -	—
l.c.l., same basis	lb.	.47½-	.55
grades 2 or 3, dms., c.l., same basis.	lb.	.47½-	—
l.c.l., same basis	lb.	.50 -	.67½
grade 4, dms., c.l., same basis.	lb.	.50 -	—
l.c.l., same basis	lb.	.52½-	.70
purified, cs., dms., c.l., same basis.	lb.	.65 -	—
l.c.l., same basis	lb.	.67½-	.85
tech., grade 1, dms., c.l., same basis.	lb.	.35 -	—
l.c.l., same basis	lb.	.37½-	.55
grades 2 or 3, dms., c.l., same basis.	lb.	.37½-	—
l.c.l., same basis	lb.	.40 -	.57½
grade 4, dms., c.l., same basis.	lb.	.40 -	—
l.c.l., same basis	lb.	.42½-	.60

Lecithin prices quoted above are for goods packed in 25, 50, or 100-lb. dms. When goods are packed in 500-lb. dms. prices are 1c. per lb. less.

Lemon peel, bls.	lb.	.09 -	.10
Licorice extract, mass, cs.	lb.	.17 -	.18
powd., bbls.	lb.	.24 -	.25
Root, bls.	lb.	.04½-	.05
powd., bbls., bxs.	lb.	.07 -	.08
select, bndls., cs.	lb.	.16 -	.17
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b. Bellefonte, Pa.	ton.	7.00 -	—
Berkley, W. Va.	ton.	7.50 -	—
Carey, Ohio.	ton.	7.00 -	—
Cedar Hollow, Pa.	ton.	8.50 -	—
Crab Orchard, Tenn.	ton.	6.25 -	—
Eagle Mountain, Va.	ton.	7.00 -	—
Farnams, Mass.	ton.	8.00 -	—
Gibsonburg, Ohio.	ton.	7.00 -	—
Hannibal, Mo.	ton.	6.50 -	—
Keystone, Ala.	ton.	6.25 -	—
Knoxville, Tenn.	ton.	6.25 -	—
Limedale, Ark.	ton.	7.00 -	—
Longview, Ala.	ton.	6.25 -	—
Manistique, Mich.	ton.	8.00 -	—
Marblehead, Ohio.	ton.	7.50 -	—
Martinsburg, W. Va.	ton.	7.50 -	—
Menominee, Mich.	ton.	8.00 -	—
Mitchell, Ind.	ton.	6.50 -	—
Newala, Ala.	ton.	6.25 -	—
Oranda, Va.	ton.	7.00 -	—
Ripplemead, Va.	ton.	7.00 -	—
Riverton, Va.	ton.	7.00 -	—
Scioto, Ohio.	ton.	6.50 -	—
Sheboygan, Wis.	ton.	7.00 -	—
Sherwood, Wis.	ton.	7.50 -	—
Springfield, Mo.	ton.	7.00 -	—
Woodville, Ohio.	ton.	7.00 -	—
York, Pa.	ton.	7.00 -	—
hydrated, paper bgs., f.o.b., Bellefonte, Pa.	ton.	8.50 -	—
Berkley, W. Va.	ton.	8.50 -	—
Buffalo, N. Y.	ton.	10.00 -	—
Carey, Ohio.	ton.	8.50 -	—
Cedar Hollow, Pa.	ton.	8.00 -	—
Crab Orchard, Tenn.	ton.	9.00 -	—
Eagle Mountain, Va.	ton.	9.00 -	—
Farnams, Mass.	ton.	8.50 -	—
Gibsonburg, Ohio.	ton.	8.50 -	—
Hannibal, Mo.	ton.	8.50 -	—
Keystone, Ala.	ton.	9.00 -	—
Knoxville, Tenn.	ton.	9.00 -	—
Le Roy, Minn.	ton.	10.00 -	—
Limedale, Ark.	ton.	9.00 -	—
Longview, Ala.	ton.	9.00 -	—
Louisville, Ky.	ton.	14.50 -	—
Manistique, Mich.	ton.	9.50 -	—
Marblehead, Ohio.	ton.	8.50 -	—
Martinsburg, W. Va.	ton.	8.50 -	—
Mitchell, Ind.	ton.	9.00 -	—
Newala, Ala.	ton.	9.00 -	—
Oranda, Va.	ton.	8.50 -	—
Pelham, Ala.	ton.	9.00 -	—
Potoskey, Mich.	ton.	9.00 -	—
Port Island, Mich.	ton.	9.00 -	—
Rapid City, S. D.	ton.	12.00 -	—
Ripplemead, Va.	ton.	9.00 -	—
Scioto, Ohio.	ton.	8.00 -	—
Sherwood, Wis.	ton.	9.00 -	—
Siluria, Ala.	ton.	9.00 -	—
Springfield, Mo.	ton.	9.00 -	—
Woodville, Ohio.	ton.	8.50 -	—
York, Pa.	ton.	8.50 -	—
spray, paper bags, f.o.b. Bellefonte, Pa.	ton.	9.00 -	—
Carey, Ohio.	ton.	11.00 -	—
Farnams, Mass.	ton.	9.50 -	—
Gibsonburg, Ohio.	ton.	11.00 -	—
Marblehead, Ohio.	ton.	11.00 -	—
Oranda, Va.	ton.	9.00 -	—
Scioto, Ohio.	ton.	10.00 -	—
Woodville, Ohio.	ton.	11.00 -	—
York, Pa.	ton.	9.00 -	—
Lime salts (see Calcium)			
Lime-sulphur, dry, dealers, bgs., c.l., E. of and incl. N. Dak., S. Dak., Neb., Kan., Okla., Tex.	lb.	.07¼-	.08½
dms., same basis	lb.	.10¼-	—
400 lbs., or more, bgs., same basis.	lb.	.07¾-	.08¾
dms., same basis	lb.	.11 -	—
less than 400 lbs., same basis, lb.	lb.	.08¼-	.09¼
dms., same basis	lb.	.12 -	—
solution, zone 1, dms., consumer.	gal.	.16 -	—
Zone 2, tanks, dealers, whs.	gal.	.08½-	—
30-50 dms	gal.	.11 -	.15
Zone 3, tanks, dealers, dlvd.	gal.	.11½-	—
30-50 dms	gal.	.14 -	.16
Zone 4, tanks, dealers, whs.	gal.	.08 -	—
dms., c.l. and l.c.l.	gal.	.13 -	.14
Zone 5, tanks, dealers, dlvd.	gal.	.10¼-	—
c.l. and l.c.l.	gal.	.13 -	.14
Zone 6, tanks, dealers.	gal.	.07¼-	—
30-50 dms	gal.	.09 -	.13

Prices for lime sulphur solution are f.o.b. warehouse points, freight allowed. Zone 1 includes Ga., S. C., Ala., N. C., except the counties of Ashe, Surry, Stokes, Rockingham and Alleghany; Tenn., east of Tenn. River. Zone 2: New England States. Zone 3: Ark., Ohio, Ind., Ill., Ia., Ky., Mich., Wis., Minn., Mo., and Tenn., west of Tenn. River; Penna., eastern tier, and W. Va., western tier. Zone 4: West of Rocky Mountains, except southern California, which makes up Zone 5. Zone 6: N. Y. east of Herkimer, N. J., Md., Del., Va., Pa.—all counties lying east of the western boundary of Bedford, Blair, Center, Clinton and Potter, W. Va.—counties of Mineral, Hampshire, Morgan, Berkeley, Jefferson, and Hardy, N. C.—counties of Ashe, Alleghany, Surry, Stokes, and Rockingham.

Linalool, cns.	lb.	2.10 -	2.30
Linalyl acetate, cns., 25 lbs.	lb.	1.85 -	2.25
Linden flowers, with leaves, bls.	lb.	.28 -	.30
without leaves, bls.	lb.	.17 -	.19
Linseed cake, bgs., export	ton.	31.00 -	—
Meal, 34%, dom., bgs.	ton.	42.00 -	—
Litharge, coml., powd., bbls., 20-tons dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash.	lb.	.06½-	—
dlvd., other points	lb.	.06¼-	—
Litharge, coml., powd., bbls., 5 tons, dlvd., Ala., Ariz., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash.	lb.	.07 -	—
Ariz., Idaho, Nev., Utah, and E. of Cascade Mts. in Ore. and Wash.	lb.	.07½-	—
Colo., Mont., N. Mex., Wyo.	lb.	.07½-	—
other points	lb.	.06¾-	—
smaller lots, dlvd., Ala., etc.	lb.	.07½-	—
Ariz., etc.	lb.	.08 -	—
Colo., etc.	lb.	.07¾-	—
other points	lb.	.07¼-	—
Lithium bromide, bbls., 100 lbs., works, frt. equal'd.	lb.	1.90 -	—
50 lbs., works	lb.	1.93 -	—
25 lbs., works	lb.	1.95 -	—
Carbonate, 250-lb., bbls.	lb.	1.25 -	—
100-lb. kgs.	lb.	1.30 -	—
Chloride, 25-lb. jars	lb.	1.65 -	1.70
Citrate, 250-lb. bbls.	lb.	1.40 -	—
25-lb. dms.	lb.	1.45 -	—
100-lb. kgs.	lb.	1.40 -	—
Iodide, 5-lb. bots.	lb.	4.85 -	—
25-lb. jars	lb.	4.70 -	—
Fluoride, bbls.	lb.	2.10 -	2.25
Lithopone, dom., high-strength, bgs., 20 tons, dlvd., E. or ex whse. Pac. Cst.	lb.	.06¾-	—
smaller lots, same basis.	lb.	.05¼-	—
bbls., 20 tons, same basis.	lb.	.05¾-	—
smaller lots, same basis.	lb.	.06¼-	—
ordinary, bgs., 20 tons, same basis.	lb.	.04¼-	—
smaller lots, same basis.	lb.	.04¾-	—
bbls., 20 tons, same basis.	lb.	.04¼-	—
smaller lots, same basis.	lb.	.04¾-	—
titanated, bgs., 20 tons, same basis.	lb.	.05¾-	—
smaller lots, same basis.	lb.	.06¼-	—
bbls., 20 tons, same basis.	lb.	.05¾-	—
smaller lots, same basis.	lb.	.06¼-	—
Liverwort leaves, bls.	lb.	.22 -	.23
Lobelia herb, bls.	lb.	.11 -	.12
Seed, bgs.	lb.	.40 -	.45
Logwood extract, cryst., bbls.	lb.	.18 -	.24
liquid, 51°, bbls.	lb.	.09½-	.11½
solid, bxs.	lb.	.15 -	.19
Lovage root, dom., bls.	lb.	.55 -	.65
Import, bls.	lb.	.40 -	.45
Lupulin, N.E., tins	lb.	1.25 -	1.50
Lycopodium, cs.	lb.	.93 -	.95

M

Mace, Banda, cs.	lb.	.50 -	.51
Batavia, cs.	lb.	.37 -	.38
Siauw, 1, cs.	lb.	.46 -	.47
Madder, Dutch, bbls.	lb.	.22 -	.25
Magnesia arsenate, dms.	lb.	.18 -	.20
Calcined, tech., USP, bbls., works.	lb.	.30 -	—
Carbonate, tech., Zone 1, bgs., c.l.	lb.	.06¼-	—
l.c.l.	lb.	.07 -	—
bbls., c.l.	lb.	.07¼-	—
l.c.l.	lb.	.08 -	—
kgs., c.l.	lb.	.08¾-	—
l.c.l.	lb.	.09½-	—
USP, Zone 1, bbls., c.l.	lb.	.08¼-	—
l.c.l.	lb.	.09 -	—
kgs., c.l.	lb.	.09¾-	—
l.c.l.	lb.	.10¼-	—

Magnesia:—Zone 1—Mass., Conn., R. I., N. Y., N. J., Pa., Del., and Md. Zone 2, balance of U. S. C.l., shipm'ts, full frt alld. up to, but not exceeding 25c. per 100 lbs., actually paid by customers. On l.c.l shipm'ts, frt. alld. including dlvd. store-door. Magnesia prices are f.o.b., Plymouth meeting house.

Chloride, flake, dom., bbls., wks., c.l.	ton.	32.00 -	—
l.c.l., bbls., wks.	ton.	39.00 -	42.00
Hypophosphite, cns., 100 lbs.	lb.	1.45 -	—
25 lbs.	lb.	1.50 -	—
Oxide (see Calcined).			
Palmitate, bbls.	lb.	.33	Nom.
Peroxide, 15%, dms., works.	lb.	1.00 -	1.35
Silicate (see Talc).			
Silicofluoride, bbls.	lb.	.09½-	.10½
Stearate, bbls., ctns., c.l.	lb.	.21 -	—
1 ton	lb.	.22 -	—
1,000-2,000 lbs.	lb.	.23 -	—
smaller lots	lb.	.24 -	—
Sulphate (see Epsom salt).			
Magnesite, cal., dom., bgs.	ton.	56.00	-60.00
import, bbls.	ton.	60.00	-65.00
dead-burned, dom., bulk, c.l., f.o.b. Chewelah, Wash.	ton.	25.00 -	—
Magnesium hydroxide, medicinal, bbls., 200 lbs.	lb.	.25 -	—
dms., 25 lbs.	lb.	.30 -	—
kgs., 100 lbs.	lb.	.26 -	—
Trisilicate, cs., 500-lb. lots.	lb.	.53 -	—
100-lb. lots	lb.	.55 -	—
cns.	lb.	.75 -	.80
Malva flowers, black, bls.	lb.	.35 -	.45
blue, bls.	lb.	.35 -	.45
Leaves, bls.	lb.	.11 -	.13
Manaca root, bls.	lb.	.20 -	.21
Mandrake root, bls.	lb.	.10 -	.11
Manganese acetate, dms.	lb.	.36½-	—
Arsenate, bgs.	lb.	.12 -	.12½
Borate, tech., bbls.	lb.	.15 -	.16
Carbonate, bbls.	lb.	.19 -	—
Chloride, bbls.	lb.	.07½-	.07¾
Dioxide, Caucasian, 85-90%, bbls., c.l., works.	ton.	59.00 -	—
l.c.l., 5 tons, works.	ton.	62.00 -	—
smaller lots, works.	ton.	67.00 -	—
burlap bgs., c.l., works.	ton.	57.00 -	—
l.c.l., 5 tons, works.	ton.	60.00 -	—
smaller lots, works.	ton.	65.00 -	—
paper bgs., c.l., works.	ton.	55.00 -	—
l.c.l., 5 tons, works.	ton.	58.00 -	—
84-87% bgs., 25-40 tons, whs.	ton.	54.50 -	—
5-15 tons, whs.	ton.	57.50 -	—
¼-4 tons, whs.	ton.	62.50 -	—
200-600 lbs., whs.	ton.	72.50 -	—
Glycerophosphate, bbls., kgs., 1,000-lb. lots	lb.	2.01 -	—
smaller lots	lb.	2.71 -	—
cns., 25 lbs.	lb.	2.88 -	—
solut., djns., 1,000-lb. lots,	lb.	.61 -	—
smaller lots	lb.	.71 -	—
cns., 25 lbs.	lb.	.91 -	—
Hydrate, bbls., dlvd.	lb.	.63 -	—
Iodide, bots., 5 lbs.	lb.	5.45 -	—
jars, 25 lbs.	lb.	5.20 -	—
Linoleate, liquid, 4%, dms.	lb.	.18 -	.19½
solid, precip., 8.2%, bbls.	lb.	.19 -	—
Ore, 50-52% basis, bbls., c.l., Atl. ports.	unit-ton.	30.00	-32.00 Nom.
Resinate, fused, 3½%, bbls.	lb.	.06¼-	.06½
precip., dms.	lb.	.12 -	—
Sulphate, anhyd., bbls., works.	lb.	.07 -	.07¼
cryst., 69% $MnSO_4$, bgs., c.l., dlvd. South.	ton.	43.75 -	—
l.c.l., bgs.	ton.	55.75 -	—
80-85%, bgs., c.l., works, frt. alld. to S.F.A. territory, unit-ton.		.75 -	—
l.c.l., 5 tons, works.	lb.	.06½-	—
smaller lots, works.	lb.	.04 -	—

Mangrove bark, bgs., shipt...ton. 23.00 - —
Manna flake, large, cs.....lb. .45 - .46
small, cs.....lb. .21 - .22
Mannitol, reagent, pure cryst., cs., works..lb. 1.15 - 1.20
commercial, cryst., bbl., ton lots..lb. .49 - —
smaller lots .....lb. .62 - —
Marble flour, bgs.....ton. 12.00 -14.00
Marjoram, French, bbls.....lb. .16 - .16½
Tunisan, bls.....lb. .15 - .15½
Matico leaves, bls.....lb. .23 - .24
Menthol, USP, natural, cs.....lb. 3.10 - 3.20
synthetic, tech., cs.....lb. 2.25 - —
USP, cs. .....lb. 3.00 - —
liquid, dms., 50 lbs.....lb. 1.25 - —
Menthyl salicylate, tins, 100-lb. lots..lb. 3.00 - —
25-lb. lots.....lb. 3.10 - —
Mercurial ointment, 30%, pails, 50 lbs. .....lb. .77 - —
25 lbs. .....lb. .79 - —
60%, pails, 50 lbs.....lb. 1.11 - —
25 lbs. .....lb. 1.13 - —
Mercury (see Quicksilver).
Bichloride (see Corrosive sublimate).
Bisulphate, bots., 5 lbs.....lb. 1.81 - —
fib., dms., 100 lbs.....lb. 1.68 - —
jars, 25 lbs. .....lb. 1.70 - —
Chloride (see Calomel).
Iodide, red, N. F., bots., 5 lbs., lb. 3.55 - —
cns., 25 lbs.....lb. 3.60 - —
fib., dms., 100 lbs.....lb. 3.60 - —
yellow, bots., 5 lbs.....lb. 3.80 - —
cns., 25 lbs.....lb. 3.65 - —
fib., dms., 100 lbs.....lb. 3.65 - —
Nitrate ointment (see Citrine ointment).
Mercury, oxide red, N.F. (see Red precipitate).
tech. (See Red, mercury oxide).
Yellow, dom., tech., bbl....lb. 1.31 - —
USP, fib. dms., 50 lbs. or more..lb. 1.83 - —
Mercury and chalk, ctns., 5 lbs., lb. 1.22 - —
fib., dms., 25 lbs.....lb. 1.10 - 1.12
Mesityl oxide, cns., works.....lb. .25½ - .27½
dms., c.l., works.....lb. .21 - —
l.c.l., works.....lb. .21½ - —
tanks, works.....lb. .20 - —
Metal leaf, pkgs. of 20 books (500 leaves), aluminum, 5½x5½ in..pkg. 1.50 - 1.75
composition, 5½x5½in...pkg. 1.70 - 1.80
Gold, XX deep, 23K, 3⅜x3⅜ in..pkg. 15.25 -15.75
3⅜x3⅜ in.....pkg. 16.15 - 17.50
4x4 in.....pkg. 19.50 -20.00
3⅜x5⅞ in.....pkg. 22.50 -23.00
3⅜x5⅞ in.....pkg. 24.50 -25.00
Silver, 3⅜x3⅜ in.....pkg. 2.75 - 2.85
Metanitroanilin, kgs. .....lb. .67 Nom.
Metanitroparatoluidin, bbls....lb. 1.40 - 1.45
Metaphenylenediamine, kgs....lb. .65 - —
Metatoluylenediamine, kgs. ...lb. .65 - —
Methanol, natural, denat. grade, tanks..gal. .35.- —
97%, tanks .....gal. .32 - —
95%, tanks .....gal. .31 - —
Methyl acetone, tanks.....gal. .25 - —
Methanol in drums, car lots, is 5c. per gal. higher, frt. alld., east of the Rocky Mts. Prices on the Pacific Coast are 3c. higher on tanks and 4c. per gal. higher on drums, car lots.

pure, synth, dms., c.l., Zone 1, frt. alld..gal. .38 - —
2, frt. alld.....gal. .41 - —
3, frt. alld.....gal. .42 - —
4, frt. alld.....gal. .44 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .40½ - —
2, frt. alld. or dlvd., gal. .47 - —
3, frt. alld. or dlvd..gal. .44½ - —
4, frt. alld. or dlvd..gal. .60 - —
Zone 1, frt. alld.....gal. .33 - —
2, frt. alld.....gal. .35½ - —
3, frt. alld.....gal. .36½ - —
4, frt. alld.....gal. .37 - —

Synthetic methanol sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo. N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Methyl acetate, 97-99%, dms., c.l., E. of Miss. R..lb. .07¼- —
W. of Miss. R.....lb. .08¼- —
l.c.l., dms., dlvd. E. of Miss. R..lb. .07¾- —
W. of Miss. R.....lb. .08¾- —
tanks, dlvd., E. of Miss R..lb. .06¼- —
W. of Miss. R.....lb. .07¼- —
tech., dms., c.l., dlvd. E. of Miss. R..lb. .07½- —
W. of Miss. R.....lb. .08½- —
l.c.l., dlvd. E. of Miss. R..lb. .08 - —
W. of Miss. R. .....lb. .09 - —
tanks, dlvd. E. of Miss. R., lb. .06½- —
W. of Miss. R. .....lb. .07½- —
Acetoacetate, dms., c.l., works, frt. alld..lb. .29½- —
Acetone, natural, tanks.....gal. .23 - —
Methyl acetone in drums, car lots, is 5c. per gal. higher, frt. alld., east of Rocky Mts. Prices on Pacific Coast are 3c. per gal. higher on tanks and 4c. per gal. higher on drums, car lots.

Methyl, acetone, synthetic, dms., c.l., Zone 1, frt. alld. E. of Rockies.....gal. .32 - —
2, frt. alld. E. of Rockies, gal. .41 - —
3, Pacific Coast.....gal. .42 - —
Zone 4.....gal. .44 - —
l.c.l., Zone 1, frt. alld. E. of Rockies..gal. .41 - —
2, frt., alld. E. of Rockies..gal. .475 - —
3, Pacific Coast.....gal. .45 - —
4 .....gal. .605 - —
tanks, Zone 1, frt. alld. E. of Rockies.....gal. .315 - —
2, ft. alld. E. of Rockies, gal. .34 - —
3, Pacific Coast.....gal. .35 - —
4 .....gal. .555 - —

Methyl acetone, synthetic, sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, Pacific Coast; Zone 4, Ariz., Cal., Mont., Nev., Idaho, Ore., Utah, Wash., N. Mex.

Methyl alcohol, (see Methanol).
Anthranilate, bots. .....lb. 2.10 - 2.80
Benzoate, cns., 25 lbs.....lb. .70 - 1.20
Bromide, cyl. .....lb. .60 - .75

Methyl, chloride, refrigeration, 500 lbs. and up, machine mfrs. and jobbers, cylinders..lb. .32 - —
service men and consumers, cyl..lb. .36 - —
60 to 499 lbs., cyl., mach. mfrs. and jobbers..lb. .36 - —
service men and consumers, cyl..lb. .40 - —
tanks, multi-unit, mach. mfrs. and jobbers..lb. .31 - —
service men and consumers, lb. .35 - —
Methyl chloride quotations are spot or contract, effective July 1, for delivery to any common carrier point in United States. Prices above are in 60, 90 and 150-lb. cylinders. Prices on the 20-lb. cylinders are uniformly 10c. per pound higher than above prices.

Cinnamate, bls.....lb. 2.45 - 3.75
Formate, dms. .....lb. .35 - .36
Lactate, dms., l.c.l., dlvd..lb. .30 - —
Iodide, bots.....lb. 3.68 - 3.85
Salicylate, dms.....lb. .35 - .37
cns. .....lb. .37 - .40
Violet toner, bbls.....lb. .38 - —
permanent, bbls. .....lb. .30 - —
Methylbutyl ketone, dms., c.l., frt. pd. E. of Rocky Mts.lb. .11½- —
l.c.l., same terms.....lb. .12 - —
tanks, same terms.....lb. .10¼- —
Methylene blue, medcl., kgs., 100 lbs..lb. 2.00 - —
cns., 5 lbs.....lb. 2.25 - —
Chloride, dms., f.o.b. works..lb. .18 - .22
Methylheptenone, bots.....lb. 2.45 - 3.00
Methylheptin carbonate, bots..lb. 23.00 -44.00
Methylhexyl ketone, dms., tech., wks..lb. .60 - —
Methylisobutyl ketone, dms., 55-gal., c.l., works..gal. .76 - —
l.c.l., works.....gal. .80 - —
smaller containers, works.gal. 1.00 - —
tanks, works.....gal. .70 - —
Methylnaphtyl ketone, dom., cryst., bots..lb. 3.25 - 3.30
imp, bots.....lb. 3.10 - —
Methylpropyl carbinol (see Carbinol).
Ketone, dms., c.l.....lb. .16 - —
l.c.l. .....lb. .20 - —
tanks .....lb. .15 - —
Methylethyl ketone, dms., c.l., frt., pd., E. of Rocky Mts..lb. .06 - —
l.c.l., same terms.....lb. .06½- —
tanks, same terms.....lb. .05 - —
Metronite pigment, 120 mesh, containers, extra, c.l., f.o.b. Milwaukee...ton. 9.00 - —
l.c.l., same basis.....ton. 11.00 - —
180 mesh, containers extra, c.l., same basis..ton. 11.00 - —
l.c.l., same basis.....ton. 13.00 - —
250 mesh, containers, extra, c.l., same basis..ton. 13.00 - —
l.c.l., same basis.....ton. 15.00 - —
325 mesh, containers, extra, c.l., same basis..ton. 18.00 - —
l.c.l., same basis.....ton. 20.00 - —
Mica, dry grd., amber, No. 1 quality, bgs., extra and returnable, c.l., works..ton. 30.00 - —
l.c.l., 5,000 lbs., works, ton. 40.00 - —
1,000 lbs., works....lb. .02 - —
500 lbs., works....lb. .02¼- —
100 lbs., works....lb. .06 - —
roofing, bgs., extra and returnable, c.l., works. ton. 29.00 - —
l.c.l., 5,000 lbs., works, ton. 39.00 - —
paint, bgs., extra and returnable, c.l., works, ton. 55.00 - —
l.c.l., 5,000 lbs., works, ton. 65.00 - —
white, No. 1, quality, bgs., extra and returnable, c.l., works..ton. 35.00 - —
l.c.l., 5,000 lbs., works ton. 45.00 - —
1,000 lbs., works..lb. .02½- —
500 lbs., works....lb. .03 - —
roofing, bgs., extra and returnable, c.l., works..ton. 29.00 - —
l.c.l., 5,000 lbs., works, ton. 39.00 - —
paint, bgs. extra and returnable, c.l., works..ton. 60.00 - —
l.c.l., 5,000 lbs., works, ton. 70.00 - —
wet-ground, paint or lacquer, bgs., c.l., frt. alld. E..lb. .04¼- —
l.c.l., ex-whse., or frt. alld., E..lb. .04¾- —
paper, wall or coated, bgs., c.l., frt. all., E..lb. .04¼- —
l.c.l. ex-whse., or frt. all., E..lb. .04¾- —
rubber, bgs., c.l., frt. alld. E. lb. .04 - —
l.c.l., ex-whse., or frt. alld., E..lb. .04½- —
wet-ground mica prices are ½c. per pound higher west of Rockies.

Milk powder, skimmed roller, bbls., c.l..lb. .06 - —
l.c.l. .....lb. .07 - —
spray, bbls., c.l.....lb. .06½- —
l.c.l. .....lb. .07½- —
unskimmed, roller bbls., c.l.lb. .15½- —
l.c.l. .....lb. .16½- —
spray, bbls., c.l.....lb. .15½- —
l.c.l. .....lb. .16½- —
Millet seed, yellow, bgs.....lb. .0335- .0350
early fortune, bgs.....lb. .02¼- .02½
hulled, bgs.....lb. .05½- .06
Mineral spirits (see Petroleum thinner and V M & P. naphtha).
Molasses, blackstrap, tanks..gal. .06½- —
New Orleans.....gal. .06 - —
Molybdate orange (see Orange, molybdate).
Molybdenum metal, kgs., 99% powd..lb. 2.60 - 3.00
Monoamylamine, dms., c.l., wks., lb. .52 - —
l.c.l., works .....lb. .55 - —
Monobutylamine, dms., c.l., works..lb. .62 - —
l.c.l. .....lb. .65 - —
Monochlorobenzene, dms., l.c.l. lb. .06 - .06
Monoethanolamine, dms., c.l., works..lb. .24 - —
l.c.l., dms. .....lb. .25 - —
tanks .....lb. .23 - —
Monoethylanilin, dms. .....lb. .77 Nom.
Monomethylamine, dms., c.l., dlvd..lb. .55 - —
l.c.l., dlvd. .....lb. .70 - —
Monomethylpara-aminophenol sulphate, dms..lb. 3.75 - 4.00
Morphine, bots., 5 ozs.....oz. 11.10 - —
cns., 25 ozs.....oz. 10.90 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Ethylhydrochloride, bots. 5 ozs., oz. 10.75 - —
cns., 25 ozs. .....oz. 10.55 - —
Hydrobromide, bots., 5 ozs...oz. 8.95 - —
cns., 25 ozs. .....oz. 8.75 - —
Sulphate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs. .....oz. 8.80 - —

Morpholine, dms., 55 gal., l.c.l., works..lb. .75 - —
smaller containers, works....lb. 1.00 - —
Mullein flowers, cns.....lb. .80 - .85
Leaves, bls. .....lb. .07 - .08
Musk, nat., Tonquin, grained, bots..oz. 21.00 -22.00
pods, caddies, 20 ozs....oz. 19.00 -21.00
synth., ambrette, cns., 100 lbs., or more..lb. 3.25 - —
5 lbs. to 75 lbs.....lb. 3.50 - —
1 lb. .....lb. 3.65 - —
ketone, cns., 100 lbs. or more. lb. 3.40 - —
5 lbs. to 75 lbs.....lb. 3.65 - —
1 lb. .....lb. 3.80 - —
xylol, cns., 100 lbs., or more, lb. 1.00 - —
5 lbs. to 75 lbs.....lb. 1.10 - —
1 lb. .....lb. 1.25 - —
Musk root, bls.....lb. .12 - .13
Mustard seed, Bombay, brown, bgs..lb. .04¼- .04¾
California, brown, bgs.....lb. .06½- .07
Chinese, yellow, bgs.....lb. .03½- .08½
Danish, yellow, bgs.....lb. .06 - .08½
Dutch, yellow, bgs.....lb. .08 - .08½
English, yellow, bgs.....lb. .09 - .09½
Hungarian, yellow, bgs....lb. .08 - .08½
Roumanian, yellow, bgs....lb. .05¾- .06
Myrobalans, J1, bgs., shipt...ton. 24.00 - —
J2, bgs., shipt.....ton. 17.00 - —
R2, bgs., shipt.....ton. 17.25 - —
Extract, liquid, 25%, bbls....lb. .03¾- .05¼
solid, 50% bbls.....lb. .04¾- —
powdered, 70% bbls.....lb. .05¾- —

N

Naphtha, Painters' (see Petroleum naphtha. V. M. & P.).
Solvent (see S).
Naphthalene, crude, dom., 74 deg., bgs., bbls., wks., 100 lbs. 2.35 - 2.85
78 deg., bgs., bbls., wks., 100 lbs. 2.75 - 3.15
import, bgs., Atl, port. 100 lbs. 1.55 - —
refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. works.....lb. .05¾- —
50-lb., cs., same basis...lb. .06 - —
pkgs. (16 oz.), same basis, lb. .06¼- —
(12 oz.) same basis..pkg. .05¼- —
Chipped, crushed, bbls., same basis..lb. .05¼- —
rice, cryst., powd., bbls., same basis..lb. .05¾- —
Nerolin, cryst., cns.....lb. 1.25 - 1.35
Nickel carbonate, bbls.....lb. .36 - .37½
Chloride, bbls.....lb. .18 - .20
Oxide, black, bbls.....lb. .35 - .38
Salt, bbls.....lb. .13 - .13¼
Nicotine sulphate, 40%, dms., works, frt. alld..lb. .70 - —
10-lb., tins.....lb. .86½- —
Nitreake, bulk, works.....ton. 16.00 - —
Nitrobenzene, dbl. dist., dms., c.l..lb. .08 - —
l.c.l. .....lb. .09 - —
tanks .....lb. .07 - —
Nitrocellulose, alcohol-soluble, ¼, and 40, sec. vis., bbls., works..lb. .28 - —
bronzing, 20, 40, 70 sec. vis., bbls., works..lb. .29 - —
ester-soluble, ¼, ½, 5-6, 15-20 sec., bbls., c.l., dry weight, works..lb. .22 - —
l.c.l., ¼, ½, 5-6, 15-20 and higher vis., bbls., lb. .26 - —
ester-soluble, lacquer, 20-30 and 60-80 sec., vis., bbls., works..lb. .29 - —

Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable.

Nitrogen solution, 45½% ammom., tanks, f.o.b. Atlantic and Gulf ports..unit-ton. 1.04 - —
Nitrogenous fertilizer material, 8-11% ammon., dom., bulk., f.o.b. Carrollville, Wis., dlvd....unit-ton. 2.25 - —
f.o.b. Chemical, Ill., unit-ton. No prices
East Coast producing points..unit-ton. 2.50 Nom.
import, bgs., c.i.f. Atlantic ports, shipt..unit-ton. 2.50 - —
Nitronaphthalene, bbls.....lb. .24 - .25
Nutgalls, Alleppo, bgs., cs....lb. .23 - —
Extract (see Gall extract).
Nutmegs, 80s, bgs., cs.....lb. .19 - .19½
110s, bgs., cs.....lb. .16 - .16½
West Indian, bgs.....lb. .10 - .10½
Nux vomica, bls.....lb. .03¾- .04
powd., bbls., bxs.....lb. .06 - .07

O

Oakbark extract, 25% tan., bbls., c.l., wks..lb. .03¼- —
l.c.l., bbls., wks.....lb. .03¾- —
tanks .....lb. .02¾- —
Ocher (see Yellow).
Octanes, 100-140° C., mixed, dms., c.l., G.3..gal. .12¾- —
l.c.l., G.3.....gal. .17 - —
tanks, G.3.....gal. .10¼- —
Octyl acetate, dms., c.l., works.lb. .16 - —
l.c.l., works.....lb. .17 - —
tanks, works.....lb. .15 - —
Oil, almond, bitter, artif. (see Benzaldehyde)
natural, bots.....lb. 2.25 - 2.30
s.p.a., bots.....lb. 2.40 - 2.45
sweet, true, exp., cns.....lb. .62 - .63
Amber, crude, cns.....lb. .16 - .17
ref'd. cns.....lb. .50 - .51
Amyris, cns.....lb. 3.00 - 3.25
Angelica root, bots.....lb. 45.00 -52.00
seed, bots.....lb. 70.00 -80.00
Anilin (see A).
Anise, USP, cns., dms.....lb. .70 - .75
Apricot kernel, cns.....lb. .28 - .32
Babassu, tanks .....lb. .06½ Nom.
Bay, W. I., 50-55% phenols, cns..lb. 1.20 - 1.25
55-60% phenols, cns.....lb. 1.30 - 1.35
Bergamot, artif., cns.....lb. 1.26 - 1.30
natural, coppers .....lb. 3.05 - 3.35
Betula (see Oil, sweet birch).
Birch (see Oil, sweet birch).
Birch tar, crude, dms.....lb. .16 - .17
rectified, cns. .....lb. .60 - .65
Bois de rose, Brazil, cns....lb. 1.55 - 1.60
Cayenne, cns.....lb. 1.50 - 1.75
Cade, USP IX (see Oil, juniper tar)
Cajeput, tech., dms.....lb. .42 - .45
USP IX, cns. .....lb. .48 - —
Calamus, cns.....lb. 3.60 - 4.25
Camphor, sassafrassy, cns...lb. .30 Nom.
dms. .....lb. .27 Nom.
white, cns.....lb. .29 Nom.
dms. .....lb. .27 Nom.

Mangrove—Oil, Lavender

Oil, cananga, native, cns.....lb. 1.25 - 1.30
rectified, cns.....lb. 1.80 - 1.85
Capsicum (oleoresin), N. F. VI, cns..lb. 2.00 - 2.05
Caraway, USP, cns.....lb. 1.80 - 1.85
Cardamom, bots. .....lb. 15.00 -27.00
Cassia, USP, cns., dms.....lb. .95 - 1.00
Castor, blown, one-way dms., c.l..lb. .11¼- —
l.c.l. .....lb. .12 - —
Medicinal, bbls., c.l.....lb. .09¾- —
l.c.l. .....lb. .10½- —
cns. (1-gal.), l.c.l.....lb. .13½- —
dms. (returnable), c.l. ....lb. .09¼- —
l.c.l. .....lb. .10¼- —
(5-gal.), l.c.l. .....lb. .11½- —
tanks .....lb. .09 - —
No. 3, bbls., c.l.....lb. .09¼- —
l.c.l. .....lb. .10 - —
dms. (returnable), c.l....lb. .09 - —
l.c.l. .....lb. .09¾- —
tanks .....lb. .08½- —

Castor oil, med. and No. 3 prices are dlvd. all points between N. Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ⅝c. higher than N. Y.; l.c.l. prices ⅝c. higher than N. Y.; one-way dms., ¼c. higher, all points.

sulphonated, 50% (48% fat), dms., c.l..lb. .03¼- .03⅝
l.c.l. .....lb. .07¼- .08⅛
75% (63% fat), dms., c.l..lb. .09 - .09½
l.c.l. .....lb. .10 - .10½
80% (68% fat), dms., c.l..lb. .09½- .10⅛
l.c.l. .....lb. .10½- .11
Cedarleaf, cs. .....lb. .63 - .68
dms. .....lb. .56 - .58
Cedarwood, Oregon, cns., dms. lb. .28 - .30
Southern, cns., dms.....lb. .18½- .28
Celery, bots.....lb. 7.50 - 8.75
Chaulmoogra, USP, cns., 500 lbs., lb. .72½- —
25 lbs. .....lb. .75 - —
Chinawood, dms. .....lb. .15½Nom.
tanks .....lb. .15 Nom.
Cinnamon, Ceylon, bots.....lb. 8.50 -25.00
Seychelle, bots. .....lb. 6.50 - 7.50
Citronella, Ceylon, cns.....lb. .34 - .35
dms. .....lb. .32 - .33
Java, cns., dms.....lb. .34 - .36
Clove, makers, USP, cns.....lb. .98 - —
dms. .....lb. .95 - —
Coconut, Manila, crude, tanks, lb. .03¼- —
Pac. Cst.....lb. .02⅝- .02¾
edible, 76° tax incl., dms., (returnable), c.l..lb. .03¼- —
l.c.l. .....lb. .03½- —
tanks .....lb. .07¼- —
Cod, Newfoundland, shipt., tanked, bbls..gal. .35 Nom.
Norwegian, shipt., bbls...gal. .26 - .28
Codliver, med., U.S.P., Norwegian, bbls..bbl. 26.00 -27.00
Coriander, bots.....lb. 13.50 -20.00
Corn, crude, tanks, works....lb. .06¼- .06⅝
refd., bbls. .....lb. .09¼- .09¾
Cottonseed, dom., cooking, bbls..lb. .09¼- —
salad, bbls.....lb. .09¼- —
import, Brazilian, semi-refd., bulk..lb. .0430 Nom.
Creosote (see C).
Croton, USP, cns.....lb. 1.30 - 1.35
Cubeb, USP, cns.....lb. 2.50 - 2.75
Crude (see Petroleum, crude).
Cumin, bots.....lb. 6.75 - 7.00
Cypress, dom., bots.....lb. 5.25 - 5.50
import, cns.....lb. 12.00 -12.25
Degras (see D).
Diesel, Bayonne, bulk.....bbl. 1.75 - —
California, 24 plus, bulk..bbl. 1.55 - —
Dill seed, bots.....lb. 2.70 - 3.00
weed, bots.....lb. 3.75 - 3.80
Dip (see D).
Erigeron, cns.....lb. 2.40 - 2.55
Eucalyptus, cns.....lb. .35 - .37
dms. .....lb. .33 - .35
Fennel, sweet, cns.....lb. 1.10 - 1.15
Fuel, bunker, California, tidewater..bbl. .90 - —
Gulf Coast.....bbl. .85 - .90
Louisiana, Arkansas, 10-14, bbl. .85 - 1.00
N. Y. and N. J. terminals:—
Monday .....bbl. .95 - —
Tuesday .....bbl. .95 - —
Wednesday .....bbl. .95 - —
Thursday .....bbl. .95 - —
Friday .....bbl. .95 - —
Saturday .....bbl. .95 - —
North Texas, 18-22.....bbl. .80 - .85
24-28, zero cold test....bbl. 1.10 - 1.15
Oklahoma, 18-22.....bbl. .85 - .90
24-28, zero cold test....bbl. 1.07½- 1.12½
24-28, 15 and above.....bbl. .90 - .95
Pennsylvania, 36-40.....gal. .04 - .04½
Furnace, Bayonne, 1, bulk, refinery..gal. .02 - —
2, bulk, same basis.....gal. .04¼- —
4, bulk, same basis.....gal. .04¾- —
Louisiana - Arkansas, 23 - 26, light straw..gal. .03¼- .03½
Oklahoma, 28-30.....gal. .03 - —
32-36 .....gal. .03⅜- .03½
36-38 .....gal. .03½- .03⅝
38-40, straw.....gal. .03½- .03⅝
38-40 zero, 60 c.p.....gal. .03⅝- .04
Fusel (see F).
Gas, Bayonne, bulk.....gal. .04¼- —
Gulf Coast, bulk.....gal. .03½- —
North Texas, bulk.....gal. .02⅝- .03
Oklahoma, bulk .....gal. .03⅝- .03
Gaultheria (see Oil, wintergreen leaf).
Geranium, Algerian, rose, cns. lb. 2.35 - 3.50
Bourbon, cns.....lb. 2.50 - 2.55
Turkish (see Palmarosa).
Grapefruit, cns.....lb. 1.90 - 2.00
Grapeseed, dms.....lb. .40 - .60
Ginger, dist., bots. .....lb. 5.35 - 5.50
Guaiac wood, concrete, bots.lb. 2.65 - 2.80
Haarlem, import., bots....gross 3.15 - 3.25
Halibut-liver, dms.....1,000 A unit gal. .75 - 1.00
Hemlock, cns.....lb. .60 - .65
Juniper berry, USP, cns.....lb. 1.10 - 1.20
Wood, tech., cns.....lb. .45 - —
Juniper tar, USP XI, 1,000 lb. dms..lb. .39 - .40
cns. .....lb. .41 - .44
Lard, common, 1, bbls.....lb. .08¾- —
2, bbls. .....lb. .08½- —
extra, bbls. .....lb. .09 - —
1, bbls. .....lb. .09 - —
Winter, strained, extra, bbls., lb. .09¼- —
prime burning, bbls.....lb. .10 - —
prime, ed., bbls.....lb. .10¼- —
ined., bbls. .....lb. .09¾- —
Laurel, bots.....lb. 6.25 - 6.50
Lavandin, cns., 25 lbs.....lb. 1.95 - 2.05
Lavender flower, French, 50% ester, cns..lb. 4.50 - 4.75
38-42% ester, cns.....lb. 3.25 - 4.25
35-38% ester, cns.....lb. 2.75 - 3.00
30-32% ester, cns.....lb. 2.00 - 2.25
garden, cns.....lb. .42 - .45
spike, Spanish, tech., cns..lb. 1.05 - 1.10
dms. .....lb. .95 - 1.10

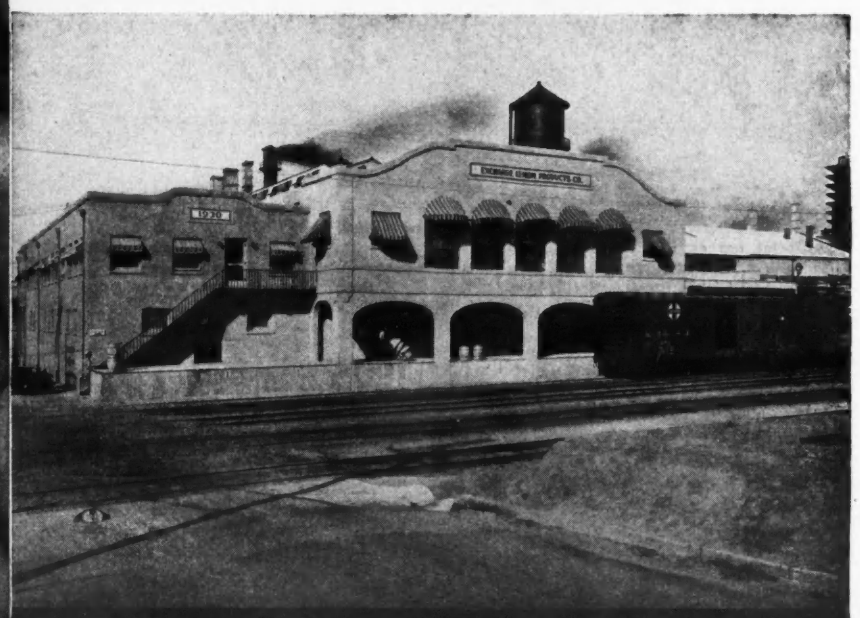
Oil, Lemon—Opium

Oil, lemon, Calif., cns.	lb.	2.50 - —
Messina, coppers, cns.	lb.	3.10 - 4.00
Lemongrass, native, cns., dms.,	lb.	.34 - .36
Lime, dist., Mexican, cns.	lb.	3.35 - 3.50
West Indian, cns.	lb.	3.75 - 4.00
expressed, cns.	lb.	7.50 - 7.75
Linaloe wood, cns.	lb.	1.25 - 1.30
Linseed, boiled, bbls., c.l.	lb.	.0910- —
l.c.l., 5 or more	lb.	.0950- —
less than 5	lb.	.0990- —
tanks	lb.	.0850- —
double boiled, bbls., less than 5 lbs.		.1010- —
raw, bbls., c.l.	lb.	.0870- —
l.c.l., 5 or more	lb.	.0910- —
less than 5	lb.	.0950- —
tanks	lb.	.0810- —
Lovage, bots.	lb.	41.25 -60.00
Lubricating, at refinery (including U.S. tax 4c. per gal.):—		
California, green, 70, 80, 100, vis., dms.	gal.	.20 - —
140 vis., dms.	gal.	.25 - —
green, pale, 750, 900 vis., dms.	gal.	.26 - —
green, pale, red, 200, 300, 350, 400, 450, 500, 600, 700 vis. dms.	gal.	.26 - —
Oklahoma, bright stocks, 100-110 D, color 4, 0-10 pour, tanks.	gal.	.18½- —
15-25 pour, tanks.	gal.	.17½- —
150-160 D, color, 4½, 0-10 pour, tanks.	gal.	.20 - —
15-25 pour, tanks.	gal.	.19 - —
150-160 E. color 5½, 15-25 pour, tanks.	gal.	.18½- —
190-200 D, color 4¼, 15-25 pour, tanks.	gal.	.23 - —
200-210 E. 15-25 pour, tanks.	gal.	.22 - —
Oil, lubricating, Oklahoma, neutrals, 0-10 pour, 150 vis., 3 color, tanks.	gal.	.13 - —
180 vis., 3 color, tanks.	gal.	.14 - —
4 color, tanks.	gal.	.13½- —
200 vis., 3 color, tanks.	gal.	.14½- —
4 color, tanks.	gal.	.14 - —
250 vis., 3 color, tanks.	gal.	.15½- —
4 color, tanks.	gal.	.15 - —
280 vis., 3 color, tanks.	gal.	.16½- —
4 color, tanks.	gal.	.16 - —
300 vis., 3½ color, tanks.	gal.	.17 - —
350 vis., same basis.	gal.	.17½- —
400 vis., same basis.	gal.	.18 - —
500 vis., same basis.	gal.	.18½- —
600 vis., same basis.	gal.	.19 - —
15-25 pour prices are ½c. per gallon higher than zero to 10° pour.		
Penn., bright, 600 cold test, 10-15 pour, tanks.	gal.	.18 - —
cylinder, 600 fire, tanks.	gal.	.11½- —
600 flash, tanks.	gal.	.14 - —
630 flash, tanks.	gal.	.17 - —
635 fire, tanks.	gal.	.12½- —
650 fire, tanks.	gal.	.13½- —
Warren, E, amber, tanks.	gal.	.15 - —
neutral, 150 vis., 3 color, tanks.	gal.	.18 - —
180 vis., 3 color, tanks.	gal.	.18½- —
200 vis., 2 color, tanks.	gal.	.20 - —
spot, Penna., bright, bbls., c.l., f.a.s.	gal.	.22 - —
unfiltered, 600 s.r. bbls., f.a.s.	gal.	.20 - —
600 flash, s.r., bbls., c.l.,	gal.	.21 - —
630 s.r., bbls., c.l., f.a.s.,	gal.	.20½- —
Warren, E, bbls., c.l., f.a.s.	gal.	.20 - —
smaller lots, f.o.b.	gal.	.21 - —
Oil, mace, dist., cns., dms.	lb.	1.20 - 1.25
Mandarin, superior, coppers.	lb.	5.75 - 6.00
Menhaden, crude, tanks., f.o.b. Balto.	gal.	.30 Nom.
refd., alkali, dms.	lb.	.0770-.0790
tanks	lb.	.0710- —
blown, dms.	lb.	.0770-.0790
kettle-boiled, dms.	lb.	.0860-.0880
light, pressed, dms.	lb.	.0710-.0730
tanks	lb.	.0650- —
Mineral, white (see Oil, white mineral).		
Mustard, artif., USP, cns.	lb.	1.65 - 1.70
dist., natural, bots.	lb.	8.50 - 9.00
expressed, bbls.	gal.	.65½- .70
Neatsfoot, 20° cold test, bbls.,	lb.	.15¼- —
extra, bbls.	lb.	.09 - —
1, bbls.	lb.	.08¾- —
pure, bbls.	lb.	.10¾- —
prime, bbls.	lb.	.09 - —
sulphonated, common, 25% moisture, dms.	lb.	.10½- —
Neroli, bots.	lb.	85.00 - 140.00
Nutmeg, USP, cns., dms.	lb.	1.20 - 1.25
Oiticica, dms.	lb.	.11 - .11¼
Oleo, 1, bbls.	lb.	.08¾- —
2, bbls.	lb.	.08 - —
Olibanum, bots.	lb.	5.00 - 5.25
Olive, denat., bbls.	lb.	.93 - .95
edible, bbls.	gal.	1.75 - 2.00
foots, bbls.	lb.	.07½- .07¼
sulphonated, 50% (43% fat), dms., c.l.	lb.	.11¼- .12
l.c.l.	lb.	.12½- .13
75% (63% fat), dms., c.l.	lb.	.13¼- .14
l.c.l.	lb.	.14¼- .15
80% (68% fat), dms., c.l.	lb.	.14¼- .15
l.c.l.	lb.	.15½- .16
Orange sweet, dist., cs.	lb.	.50 - —
expressed, African, cns., dms.	lb.	.80 - .85
Calif., cns.	lb.	.75 - —
Messina, USP, coppers.	lb.	2.25 - 3.25
West India, cns.	lb.	1.75 - 1.85
Oil, origanum, cns.	lb.	.90 - 1.60
Orris, Florentine, concrete, extra strong bots.	oz.	4.75 - 6.50
Palm, Niger, csks.	lb.	.03¾- .06¾
shipment	lb.	.03 - —
softs, 12½%, bulk, shipt.	lb.	.0280- —
20%, bulk, shipt.	lb.	.0280- —
Sumatra, shipt., bulk.	lb.	.02¾ Nom.
Palmarosa, cns.	lb.	2.00 - 2.25
Palmkernel, bulk, shipt.	lb.	.0340 Nom.
Paraffin, 320° flash, 60-70 vis., tanks, G. 3.	gal.	.05¼- —
330° flash, 70-80 vis., tanks, G. 8.	gal.	.05½- —
80-85 vis., bbls., extra, Ind. refy.	gal.	.12 - —
350° flash, 100-105 vis., bbls., extra, Ind. refy.	gal.	.14 - —
360° flash, 100-110 vis., tanks, G. 3.	gal.	.05¾- —
Patchouli, bots., cns.	lb.	3.75 - 4.10
Peanut, crude, dom., tanks.	lb.	.06¾- .06¾
refd., edible, bbls.	lb.	.10 - .10¼
Pennyroyal, dom., cns.	lb.	2.10 - 2.15
import, cns.	lb.	1.90 - 2.00
Peppermint, natural, cns., dms.,	lb.	2.15 - 2.45
redist., USP, cns., dms.	lb.	2.35 - 2.65
Perilla, dms.	lb.	.09¾- .10
tanks	lb.	.0920-.0940
Petitgrain, Paraguay, cns.	lb.	.82½- .90
Pimento berry, cns.	lb.	3.35 - 3.65
leaf, cns.	lb.	2.30 - 2.40
Pine, dest.-dist., straw-color, dms., dlvd., E. ports.	gal.	.46 - .48
steam-dist., dms.	gal.	.59 - —
tanks	gal.	.54 - —
Pineneedle, Siberian, cns.	lb.	.95 - 1.00
Putty, bbls., El Segundo, Richmond, Cal.	gal.	.22½- —
contracts	gal.	.19½- —
Whiting, Ind.	gal.	.28 - —
dms., c.l., Bost., Provid.	gal.	.25 - —
l.c.l., same basis.	gal.	.27 - —
tanks, same basis.	gal.	.18 - —
Martines, Cal.	gal.	.28 - —
Rapeseed, blown, bbls.	lb.	.14 - .14½
denat., bbls.	lb.	.80 - .82
Red, dist. or saponif. bbls., dlvd.	lb.	.07¾ Nom.
dms., dlvd.	lb.	.07¼ Nom.
tanks, dlvd.	lb.	.06½ Nom.
white, dms.	lb.	.10¼ Nom.
Rose, artif., bots.	oz.	2.00 - 8.00
natural, coppers.	oz.	5.25 -22.50
Rosemary, Spanish, cns.	lb.	.56 - .75
dms.	lb.	.51 - .70
Rosin, 1st rectfd., dms.	gal.	.45 - —
2d rectfd., dms.	gal.	.47 - —
3d rectfd., dms.	gal.	.51 - —
Rue, bots.	lb.	3.95 - 4.00
Sage, cns.	lb.	1.50 - 1.55
Sandalwood, E.I., USP, cns.	lb.	4.75 - 4.80
Sardine, crude, tanks, Pac. Cst.	gal.	.31½ Nom.
refd., alkali, dms.	lb.	.0770-.0790
tanks	lb.	.0710- —
kettle-boiled, dms.	lb.	.0860-.0880
light, pressed, dms.	lb.	.0710-.0750
tanks	lb.	.0650- —
Sassafras, artif., cns.	lb.	.36 - .37
dms.	lb.	.34 - .35
natural, cns., dms.	lb.	.90 - 1.00
Savin, cns.	lb.	1.60 - 1.65
Savory, cns.	lb.	2.00 - 2.25
Sesame, refd., dms.	lb.	.10½ Nom.
Shingle stain, bbls., c.l., wks.	gal.	.19 - —
l.c.l., works.	gal.	.21 - —
tanks, works.	gal.	.14 - —
Snakeroot, Canada, cns.	lb.	9.50 -10.00
Soybean, dom., rude, dms.	lb.	.0635- .0700
tanks	lb.	.05¾- .05½
refd., dms.	lb.	.0755- .0820
tanks	lb.	.0675- .0685
Spearmint, USP, cns.	lb.	1.70 - 1.75
Sperm, bleach, 38°, dms.	lb.	.1000- .1020
45°, dms.	lb.	.0930- .0950
natural, dms.	lb.	.0880- .0900
Spruce, cns., dms.	lb.	.60 - .65
Sweet, birch, North, cns.	lb.	2.25 - 2.50
South, cns.	lb.	1.65 - 2.00
Tall, crude, dms., c.l., works,	ton.	45.00 - —
l.c.l., works.	ton.	50.00 -65.00
tanks, works.	ton.	35.00 - —
refined, dms., c.l., works.	lb.	.05½- —
l.c.l., works.	lb.	.06 - —
tanks, works.	lb.	.05 - —
Tallow, acidless, bbls.	lb.	.05½- —
tanks	lb.	.08 - —
Tansy, cns.	lb.	6.75 - 7.00
Tar, coml. dms., c.l., dlvd. E. cities.	gal.	.26 - —
E. ports.	gal.	.25 - —
l.c.l.	gal.	.26 - —
tanks, dlvd. E. cities.	gal.	.20 - —
rectfd., USP, bbls., dlvd., E. ports.	gal.	.50 - —
Tar acid (see T).		
Teaseed, crude, dms.	lb.	.08¾ Nom.
Tea Tree (see Oil, ti tree).		
Thyme, NF, red, dms.	lb.	.85 - 1.25
white, dms.	lb.	.85 - 1.45
Tung (see Oil, chinawood).		
Ti tree, cns.	lb.	2.50 - 3.00
Turkey red (see Oil, castor, sulphonated).		
Turpentine (see T).		
Turtle, cns.	gal.	4.25 - 5.00
Valerian, bots.	lb.	8.00 - 8.25
Vetiver, bots.	lb.	3.50 -15.00
Walnut, crude, dms.	lb.	.13 - .13¼
refd., dms.	lb.	.14 - .14½
Whale, refd., natural, dms.	lb.	.0770- .0790
winter, bleach, dms.	lb.	.0810- .0830
Wheat germ, phar., cns., dms.	gal.	22.50 -30.00
feedstuff, cns., dms.	gal.	17.50 -25.00
White, mineral, doms., tech., 50-60 vis., dms.	gal.	.40 - —
65-75 vis., dms.	gal.	.42 - —
80-90 vis., dms.	gal.	.43 - —
USP, 80-90 vis., dms.	gal.	.46 - —
95-105 vis., dms.	gal.	.53 - —
125-135 vis., dms.	gal.	.60½- —
140-150 vis., dms.	gal.	.64 - —
175-185 vis., dms.	gal.	.68½- —
200-210 vis., dms.	gal.	.70½- —
320-330 vis., dms.	gal.	.76 - —
335-345 vis., dms.	gal.	.77 - —
Russian, 80-90 vis., dms.	gal.	.46 - —
145-155 vis., dms.	gal.	.64½- —
175-185 vis., dms.	gal.	.68½- —
335-345 vis., dms.	gal.	.77 - —
Wintergreen, natural, North, cns.	lb.	4.00 - 8.00
South, cns.	lb.	3.05 - 3.75
synth (see Methyl salicylate).		
Wood (see Oil, chinawood).		
Wormseed, cns.	lb.	2.00 - 2.25
Wormwood, cns.	lb.	3.25 - 3.30
Ylang-ylang, Bourb., bots., cns.,	lb.	3.00 - 3.50
Manila, bots.	lb.	18.00 -24.00
Olivine, aggregate, c.l., mines.	ton.	5.00 - 8.00
Lumps, same basis.	ton.	7.00 - —
Spalls, same basis.	ton.	5.00 - —
ground, 200 mesh, c.l., mines,	ton.	15.00 - —
20 mesh to dust.	ton.	10.00 - —
Opium, USP, cns.	lb.	11.50 -12.50
gran., cns.	lb.	12.50 -13.50
powd., cns.	lb.	12.50 -13.50

By more than 2 to 1

AMERICA'S FAVORITE OIL OF LEMON

continues to be Exchange Brand



The World's Largest Plant Devoted Exclusively to Lemon Products

FROM rich California lemons, cold pressed and clarified, comes Exchange Brand Oil of Lemon, U.S.P.—with the flavor that pleases the American taste.

It is uniform always, in all characteristics. Nowhere in all the world is the production controlled so exactingly.

True flavor. Uniformity. Exceptional dependability. A fair price. There you have the reasons why Exchange Brand Oil of Lemon, U. S. P. is far and away America's favorite Lemon Oil.

Exchange
OIL OF LEMON
U. S. P. CLARIFIED

Sold to the American market exclusively by

DODGE & OLCOTT COMPANY
180 VARICK STREET, NEW YORK CITY

FRITZSCHE BROTHERS, INC.
76 NINTH AVENUE, NEW YORK CITY

Distributors for

CALIFORNIA FRUIT GROWERS EXCHANGE
Products Department, Ontario, California
Producing Plant: EXCHANGE LEMON PRODUCTS CO., Corona, California

Copr., 1938, Products Dept., California Fruit Growers Exchange

Orange, Lake, Persian, bbls..lb. .30 - .45
Mineral, Amer., bbls., 6 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash....lb. .10½- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .11 - —
Colo., Mont., N. M., Wyo..lb. .10¾- —
Other points .....lb. .10¼- —
smaller lots, dlvd., Ala., etc..lb. .11 - —
Ariz., etc.....lb. .11½- —
Colo., Mont., N. M., Wyo..lb. .11¼- —
Other points .....lb. .10¾- —
French, Tours, casks, ex dock, lb. .13¼- —
kgs., ex dock.....lb. .14¼- —
Molybdate, bbls.....lb. .31 - —
Toner, bbls.....lb. .80 - —
Orangeflower petals, cs.....lb. .33 - .35
Orange peel, bitter, bls.....lb. .08 - .09
sweet, bls. .....lb. .13 - .14
Orris root, Florentine, bgs.....lb. .10 - .11
fingers, cs.....lb. .85 - .90
powd., bbls., bxs.....lb. .12 - .13
Verona, bls.....lb. .09 - .10
powd., bxs., cs.....lb. .12 - .13
Orthoanisidin, bbls.....lb. .70 - —
Orthochloroanilin, dms.....lb. .60 - .75
Orthochlorophenol, dms.....lb. .32 - —
Orthocresol, dms., c.l., works.lb. .16½- —
l.c.l., same basis.....lb. .17½- —
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies..lb. .06 - —
Orthodichlorobenzene, l.c.l., same basis..lb. .07 - —
100-lb. tins, same basis.lb. .08 - —
50-lb. tins, same basis..lb. .09 - —
tanks, same basis.....lb. .06½- —
Orthodichlorobenzene prices west of Rockies 1c. per lb. higher.
Orthonitroanilin, dms.....lb. .55 - —
Orthonitrochlorobensene, dms..lb. .15 - .18
Orthonitroparachlorophenol, cns.lb. .75 - —
Orthonitrotoluene, dms.....lb. .09 - —
Orthotoluenehydrochloride, dms.lb. .22 - —
Orthotoluene sulphonate, kgs..lb. 2.00 - 2.05
Orthotoluidin, dms.....lb. .16 - —
Osage orange extract, cryst., bbls., lb. .19 - —
liquid, 42°, bbls.....lb. .08 - —
51°, bbls.....lb. .09 - —
Oxyquinolin sulphate, cns., 100-lbs., works..lb. 3.50 - —
bots., cns., 1-50 lbs.....lb. 3.65 - 4.00

P

Papain, powd., cs.....lb. 1.20 - 1.25
Paprika, Hungarian, extra fancy, bgs..lb. .37 - .38
medium, bgs.....lb. .35 - .37
Spanish, extra fancy, cs.....lb. .50 Nom.
Para-aminoacetanilide, kgs....lb. .85 Nom.
Parachlorophenol, dms.....lb. .45 - —
Paracymene, refd., dms.....gal. .75 - 1.25
Paradichlorobenzene, dms., c.l.lb. .11 - .12
l.c.l. .....lb. .12½- .15½
Paraffin, crude, scale, white, 122-124 A.m.p., bgs., c.l., Okla., refy..lb. .02¼- —
bbls., c.l., N. Y.....lb. .0230- —
124-126 A.m.p., bgs., c.l., Okla., refy..lb. .02¼- —
bbls., c.l., N. Y.....lb. .0235- —
yellow, 124-126 A.m.p., bbls., c.l., N. Y..lb. .02¼ Nom.
fully refd., slabs, 123-125 A.m.p., bgs., c.l..lb. .03¾- —
loose, c.l.....lb. .0355- —
125-127 A.m.p., bgs., c.l..lb. .0390- —
loose, c.l.....lb. .0370- —
128-130 A.m.p., bgs., or loose, c.l..lb. .04 - —
131-133 A.m.p., bgs., or loose, c.l..lb. .0435- —
133-135 A.m.p., bgs., or loose, c.l..lb. .0465- —
135-137 A.m.p., bgs., or loose, c.l..lb. .0490- —
138-140 A.m.p., bgs., or loose, c.l..lb. .0565- —
143-145 A.m.p., bgs., or loose, c.l..lb. .0660- —
151-153 A.m.p., bgs., or loose, c.l..lb. .08½- —
refined paraffin prices in cases are 1½c. lb. higher than bags price; solid in tankcars is .05c. lower.
match, A.m.p. up to and incl. 110-112 bbls., c.l..lb. .02½- .02⅝
semirfd., solid, 122-124 A.m.p., bgs..lb. .02¼ Nom.
Paraformaldehyde, dms., 1,000 lbs. or more shipments, f.o.b. Perth Amboy, Philadelphia, or N. Y. C..lb. .34 - —
100 to 900 lbs. shipments, same basis..lb. .35 - —
Paraldehyde, tech., 99%, 55 and 100 gal. dms., dlvd..lb. .16 - —
5 and 10 gal. dms., dlvd., lb. .17 - —
USP, cs, cbys.....lb. .37 - .45
Paranitroanilin, kgs., works...lb. .47 - —
Paranitrochlorobenzene, kgs...lb. .15 - —
Paranitrophenol, kgs.....lb. .35 - —
Paranitrotoluene, kgs.....lb. .35 - —
Paraphenylenediamine, bbls....lb. 1.25 - 1.30
Paratoluenesulphonamide, bbls.lb. .70 - —
Paratoluidin, bbls.....lb. .56 - —
Pareira brava root, bls.....lb. .15 - .18
Paris green, dealer, dms., bbls., c.l., f.o.b. works frt. alld., lb. .23 - .25
less car lot, same basis.lb. .24 - .26
Passion flower, herb, bls.....lb. .07½- .08
Patchouli leaves, bls.....lb. .18 - .20
Pellitory root, bls.....lb. .16 - .17
Pennyroyal herb, bls.....lb. .07 - .08
leaves, bls. .....lb. .14 - .15
Pentanes norm., 28-38°, dms., c.l., G.3..gal. .11½- —
l.c.l., G.3.....gal. .16 - —
tanks, G.3 .....gal. .08½- —
laboratory grade, dms., c.l., G.3..gal. .14 - —
l.c.l., G.3 .....gal. .25 - —
Pepper, black, Alleppy, bgs....lb. .07¾- .08¼
Lampong, bgs.....lb. .04½- .04¾
Tellicherry, bgs. .....lb. .08¾- .09
Red, chillies, Japan, I, bgs..lb. .23¾- .23¼
Mombasa, bgs .....lb. .22 - .22½
White, Java, Muntok, bgs....lb. .07 - .07½
Saigon, bgs.....lb. .07 - .07½
Peppermint leaves, dom., bls..lb. .23 - .24
import, bls. .....lb. .45 - .46
Peru, balsam, dms.....lb. .65 - .70
Petrolatum, amber, bbls., c.l..lb. .02¾- .02¾
l.c.l. .....lb. .03⅛- .03⅞
extra, bbls.....lb. .02⅞- .03
l.c.l. .....lb. .03⅞- .04⅛
cream (see white, cream).
green (see red).
red, veterinary, bbls., c.l.....lb. .02½- —
l.c.l. .....lb. .05⅜- .06½
lily, bbls., c.l.....lb. .05½- —
l.c.l. .....lb. .06⅜- .07½
snow, bbls., c.l.....lb. .06½- —
l.c.l. .....lb. .07¾- .08¼

Petroleum, crude, bulk, at wells:—
California:—
Alamitos Heights.....bbl. .74 - .96
Athens .....bbl. .84 - 1.00
Belridge .....bbl. .70 - 1.32
Buena Vista Hills...bbl. .70 - 1.38
Canal-Greely .....bbl. .91 - 1.68
Coalinga .....bbl. .70 - .90
Coyote Hills (West)...bbl. .78 - 1.32
Dominguez .....bbl. .79 - 1.00
East Coyote.....lb. .76 - .96
Elk Hills .....bbl. .70 - 1.38
Elwood Terrace, f.o.b. ship., bbl. 1.28 - 1.43
El Segundo.....bbl. .80 - 1.21
Huntington Beach.....bbl. .78 - 1.22
Inglewood .....bbl. .79 - 1.27
Kern Front.....bbl. .70 - —
Kern River.....bbl. .70 - —
Kettleman Hills.....bbl. 1.19 - 1.43
La Habra.....bbl. .76 - .96
Lakeview .....bbl. .70 - 1.38
Lost Hills.....bbl. .70 - 1.18
McKittrick .....bbl. .70 - —
Midway-Sunset (except Lakeview)..bbl. .70 - 1.38
Montebello .....bbl. .77 - 1.43
Mt. Poso.....bbl. .70 - —
Mountain View.....bbl. .70 - 1.20
Newhall .....bbl. .70 - —
Orcutt .....bbl. .70 - .88
Olinda Brea.....bbl. .76 - 1.27
Playa del Rey, f.o.b. pipe-line .....bbl. .80 - 1.16
Richfield .....bbl. .76 - 1.09
Rosecrans .....bbl. .84 - 1.06
Round Mt.....bbl. .70 - —
Santa Fe Springs.....bbl. .78 - 1.42
Santa Maria.....bbl. .63 - .70
Santa Paula.....bbl. .70 - 1.01
Seal Beach.....bbl. .79 - 1.19
Signal Hill.....bbl. .80 - 1.21
Torrence .....bbl. .80 - 1.05
Wheeler Ridge.....bbl. .70 - .83
Whittier .....bbl. .76 - .96
Wilmington .....bbl. .75 - 1.21
Canada:—
Oil Springs .....bbl. 1.97 - —
Petrolia .....bbl. 1.90 - —
Central West:—
Illinois .....bbl. 1.05 - —
Lima .....bbl. .90 - —
Midland (Mich.).....bbl. 1.12 - —
Princeton .....bbl. 1.05 - —
East Texas.....bbl. 1.10 - —
Gulf Coast:—
Barber's Hill.....bbl. .79 - 1.16
Batson .....bbl. .74 - 1.04
Dayton .....bbl. .95 - 1.41
Esperson .....bbl. .79 - 1.16
Goose Creek.....bbl. .79 - 1.28
Hull .....bbl. .74 - 1.04
Humble .....bbl. .74 - 1.04
Liberty .....bbl. .79 - 1.16
Markham .....bbl. .90 - 1.29
Orange .....bbl. .79 - 1.16
Pettus .....bbl. 1.29 - —
Pierce Junction.....bbl. .95 - 1.41
Refugio (incl. Greta, Taft, Saxet)..bbl. .79 - 1.38
Saratoga .....bbl. .74 - 1.04
Sour Lake.....bbl. .74 - 1.04
Spindle Top.....bbl. .74 - 1.04
Sugarland .....bbl. .79 - 1.28
West Columbia.....bbl. .79 - 1.28
Kentucky, Tennessee:—
Big Sandy river.....bbl. 1.12 - —
Kentucky river.....bbl. 1.20 - —
Western Kentucky (Owensboro)..bbl. 1.10 - —
Louisiana, Arkansas:—
Bull Bayou.....bbl. .73 - 1.05
Caddo .....bbl. .73 - 1.05
Cameron Meadows.....bbl. .74 - 1.13
Choctaw .....bbl. .74 - 1.20
Cotton Valley.....bbl. .73 - 1.05
Darrow .....bbl. .74 - 1.29
De Soto .....bbl. .73 - 1.05
El Dorado.....bbl. .73 - 1.05
Haynesville .....bbl. .73 - 1.05
Homer .....bbl. .73 - 1.05
Iowa .....bbl. .74 - 1.13
Lockport .....bbl. .74 - 1.13
Miller County.....bbl. .73 - 1.05
Pine Island.....bbl. .73 - 1.05
Rainbow .....bbl. .73 - 1.05
Rodessa .....bbl. .73 - 1.05
Smackover .....bbl. .73 - —
Tepetate .....bbl. 1.03 - —
Urania .....bbl. .89 - —
Mexico, f.o.b. terminals Mexican ports—based on contract:—
Panuco .....bbl. No prices
Tuxpan .....bbl. No prices
Midcontinent:—
North Texas.....bbl. .63 - 1.10
Oklahoma-Kansas .....bbl. .63 - 1.10
Pennsylvania, Ohio West Virginia:—
Bradford-Allegany ....bbl. 1.68 - —
Corning .....bbl. .97 - —
Pennsylvania grade, in Buckeye lines..bbl. 1.18 - —
Eureka lines.....bbl. 1.28 - —
N. Y. Transit lines, bbl. 1.68 - —
S. W. Penn. lines..bbl. 1.34 - —
lower district in National Transit lines.bbl. 1.56 - 1.61
Rocky Mountain:—
Big Muddy.....bbl. .98 - —
Canon City-Florence...bbl. .90 - —
Cat Creek.....bbl. 1.10 - —
Dutton Creek.....bbl. .86 - 1.10
Elk Basin.....bbl. .90 - —
Fort Collins-Wellington, bbl. .81 - 1.05
Frannie, light.....bbl. .45 - .52
Grass Creek, light.....bbl. .90 - —
Iles .....bbl. .92 - .98
Lance Creek.....bbl. .77 - —
Lander .....bbl. .51¼- —
Midway .....bbl. .86 - 1.10
Rock Creek.....bbl. 1.00 - —
Salt Creek.....bbl. .86 - 1.10
Sunburst .....bbl. 1.20 - —
Torchlight .....bbl. 1.30 - —
South, Central and Southwestern Texas:—
Cass County .....bbl. .73 - 1.05
Cleveland-Liberty .....bbl. 1.14 - —
Conroe .....bbl. 1.27 - —
Darst Creek .....bbl. .96 - —
Hardin-Liberty .....bbl. 1.00 - 1.02
Luling .....bbl. .87 - —
Lytton Springs.....bbl. .99 - —
Mirando (incl. Duval)..... bbl. .74 - 1.33
Panola County.....bbl. .73 - 1.03
Salt Flat .....bbl. .96 - —
Tomball .....bbl. .95 - 1.41
Van .....bbl. .93 - —
West Beaumont.....bbl. .79 - 1.28
Texas Panhandle:—
Carson-Hutchinson counties, bbl. .67 - 1.01
Gray County .....bbl. .72 - 1.06
West Texas:—
Artesia, N. M.....bbl. .61 - .85
Crane .....bbl. .53 - .95
Crockett .....bbl. .53 - .95
Ector .....bbl. .53 - .95
Eddy (N. M.) .....bbl. .77 - —
Howard .....bbl. .53 - .95
Jackson, N. M. .....bbl. .61 - .85
Lea, N. M. .....bbl. .53 - .95
Maljamar, N. M. .....bbl. .61 - .85
Mitchell .....bbl. .63 - .95
Pecos .....bbl. .65 - .87
Upton .....bbl. .53 - .95
Winkler .....bbl. .53 - .95

Petroleum, ether, 30-60°, dms., c.l., G. 3,..gal. .14 - —
l.c.l., G.3.....gal. .25 - —
tanks, G.3.....gal. .13 - —
35-60°, dms., l.c.l., G.3....gal. .30 - —
40-75°, dms., c.l., G.3....gal. .14 - —
l.c.l., G.3.....gal. .25 - —
tanks, G.3.....gal. .13 - —
laboratory grade, dms., c.l., G.3..gal. .14 - —
l.c.l., G.3.....gal. .25 - —
10-gal. lots, G.3.....gal. .50 - —
Lacquer, diluent, at refinery:—
California, 100 l.b.p., 200 e.p., tanks, delvd. Los Angeles..gal. .11 - —
San Francisco..gal. .11½- —
f.o.b. Richmond....gal. .11 - —
Willbridge, Ore., Pt. Wells, Wash..gal. .12 - —
East Coast, tanks.....gal. .12 - .12½
Group 3, tanks.....gal. .07⅝- .07⅝
Naphtha, cleaners', at refinery:—
East Coast, tanks.....gal. .10 - —
Group 3, tanks.....gal. .06⅜- .06⅝
tankwagon, Boston, ex tax, gal. .13 - —
Bridgeport .....gal. .13½- —
Chicago, inc. 4c. tax..gal. .17½- —
Decatur, inc. 4c. tax..gal. .194 - —
Des Moines, inc. 4c. tax.gal. .192 - —
Evansville, inc. ex tax.gal. .14½- .15½
Milwaukee, inc. 5c. tax, gal. .206 - —
Minneapolis-St. Paul, inc. 5c. tax..gal. .208 - —
Newark, ex tax.....gal. .12 - —
New York, ex tax.....gal. .12 - —
Omaha, ex tax.....gal. .144 - .154
Oklahoma City, ex tax.gal. .16 - —
Philadelphia, ex tax...gal. .11½- —
St. Louis, inc. 1c. tax.gal. .15 - —
Syracuse, 150 gals.....gal. .14 - —
smaller lots, galv. drums, gal. .10 - —
milk cans..gal. .21 - —
high-solvency aromatic, No. 1, over 70% arom., tanks, f.o.b. Bayway.....gal. .16 - —
2, over 90% arom., same basis..gal. .18 - —
3, tanks, f.o.b. Bayway..gal. .18 - —
8, tanks, f.o.b. Paulsboro, N. J..gal. .14 - —
30, same basis.....gal. .16 - —
40, same basis.....gal. .14½- —
V. m. & p., at refinery:—
California, 46.5, 254 l.b.p., 380 e.p., tanks, f.o.b. El Segundo..gal. .11 - —
Richmond..gal. .11½- —
Willbridge, Ore., Pt. Wells, Wash..gal. .12 - —
54-57, 190 l.b.p., 310 e.p. tanks, dlvd. Los Angeles..gal. .10 - —
San Francisco..gal. .10½- —
Portland, Seattle.....gal. .11 - —
East Coast, tanks.....gal. .09½- —
Group 3, tanks.....gal. .06⅜- .06⅝
tankwagon, Boston, ex tax gal. .13 - .14
Chicago, inc. 4c. tax..gal. .16½- —
Decatur, inc. 4c. tax..gal. .194 - —
Des Moines, inc. 4c. tax.gal. .192 - —
Evansville, Ind., ex tax.gal. .147 - .157
Milwaukee, inc. 5c. tax.gal. .206 - —
Minneapolis-St. Paul, inc. 5c. tax..gal. .208 - —
Newark, ex tax.....gal. .11 - —
New York, ex tax.....gal. .10½- .11
Omaha, ex tax.....gal. .144 - .154
Philadelphia, ex tax...gal. .12½- —
St. Louis, inc. 1c. tax.gal. .16 - —
Solvent, rubber, at refinery, East Coast, tanks...gal. .09½- .10
Group 3 light, 120 l.b.p., 250 e.p., tanks..gal. .06⅜- .06⅝
standard, 180 l.b.p., 288 e.p., tanks..gal. .06⅜- .06⅝
Stoddard (CS 3-38), at refinery:—
East Coast, tanks.....gal. .10 - —
Group 3, tanks.....gal. .05⅞- .06⅛
tankwagon, Boston, ex tax, gal. .12½- .13½
Chicago, inc. 4c. tax..gal. .150 - —
Decatur, inc. 4c. tax..gal. .184 - —
Des Moines, inc. 4c. tax.gal. .182 - —
Evansville, Ind., ex tax.gal. .135 - .145
Milwaukee, inc. 5c. tax.gal. .196 - —
Minneapolis-St. Paul, inc. 5c. tax..gal. .177 - —
Newark, ex tax.....gal. .09½- .11½
New Orleans, ex tax..gal. .11 - —
New York, ex tax.....gal. .09½- .11½
Omaha .....gal. .131 - .14
Philadelphia, ex tax...gal. .10½- .12½
St. Louis, inc. 1c. tax.gal. .139 - —
Tulsa, ex tax.....gal. .10 - .11
Thinners, at refinery:—
California, 34, 325 l.b.p., 390 e.p., low anilin, 6,000 gal. tanks or transport trucks f.o.b. Los Angeles..gal. .15 - —
Portland, Ore.....gal. .16 - —
Richmond .....gal. .14½- —
Seattle, Wash....gal. .16½- —
44, 311 l.b.p., 385 e.p., tanks, f.o.b. Point Wells, Wash.; Willbridge, Ore., gal. .10½- —
Richmond .....gal. .10 - —
Southern Calif....gal. .09½- —
56, 200 l.b.p., 300 e.p., tanks, f.o.b. El Segundo, gal. .11 - —
Portland, Ore....gal. .12 - —
Richmond .....gal. .11½- —
Seattle, Wash....gal. .12 - —
East Coast, 43-47, tanks.gal. .09½- .10
47-49, tanks.....gal. .09½- .10
New Jersey, tanks.....gal. .08½- —
Group 3, tanks.....gal. .05⅝- .05⅞
Tankwagon, tax included:—
Albany .....gal. .13 - —
Baltimore (100 gals.)..gal. .12½- .15½
25-99 gals.....gal. .13½- .16½
Boston .....gal. .12½- .13½
Bound Brook, North Amboy, N. J..gal. .11½- .13½
Bridgeport, Conn.....gal. .11½- —
Buffalo .....gal. .12½- —
Camden, N. J.....gal. .10 - .12
Chicago .....gal. .162 - —
Decatur, Ill.....gal. .184 - —
Des Moines.....gal. .182 - —
Evansville, Ind.....gal. .137 - .147
Milwaukee .....gal. .196 - —
Minneapolis-St. Paul..gal. .198 - —
Newark .....gal. .09 - —
New York (200 gals.)..gal. .09½- .11
Omaha .....gal. .131 - .141
Philadelphia .....gal. .10 - —
Pittsburgh .....gal. .12 - .14
Providence .....gal. .12½- .13½
Rochester .....gal. .12 - —
St. Louis.....gal. .15 - —
Syracuse .....gal. .14 - —
Trenton .....gal. .11½- .14
Wilmington, Del.....gal. .11½- .13½
Phenobarbital, bots., 5 lbs....lb. 4.35 - —
bots. or cns., spot or contract, 100 lbs..lb. 4.00 - —
cns., 25 lbs. .....lb. 4.25 - —
Phenol, USP, dms., c.l., works, frt. equald..lb. .14½- .15½
l.c.l., same basis.....lb. .15¾- .16¼
under 1,000 lbs.....lb. .16¼- .17¼
tanks, works .....lb. .13½- —

Orange—Potash, Muriate

Phenolphthalein, USP, bbls., dms., 2,000-lb. lots..lb. .35 - —
bbls., dms., kegs, 100-250 lbs., lb. .37 - .39
Yellow, fib., dms., 2000-lb. lots., lb. .30 - —
100-lb. fib., dms.....lb. .32 - —
25-lb. dms. .....lb. .37 - —
50-lb. kgs. .....lb. .34 - —
Phenyl chloride, dms.....lb. .17 - —
Phenylacetaldehyde, bots.....lb. 2.10 - 3.50
Dimethylacetate, cns. .....lb.14.50 -15.00
Phenylethylphenyl acetate, bots., lb. 7.90 -15.50
Phenylhydrazine base, CP, bots., lb. 4.00 - —
Hydrochloride, CP, bots., works..lb. 4.00 - —
commercial, kgs., works..lb. 1.50 - —
pure, bbls., works.....lb. 2.25 - —
Phlorogiucinol, CP, tins, works.lb.20.00 -22.00
tech., tins, works.....lb.15.00 -16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 70% min., bulk, mines..long ton. 4.35 - —
land pebble, 68% min., bulk, mines..long ton. 1.85 - —
70% min., bulk, mines, long ton. 2.35 - —
72% min., bulk, mines..... long ton. 2.85 - —
75% basis, 74% min., bulk mines..long ton. 3.85 - —
Tenn., 72% bulk, mines, long ton. 4.50 - —
75% bulk, mines..long ton. 5.50 - —
Phosphorus, red, cs. .....lb. .40 - .44
Yellow, cs. .....lb. .24 - .30
oxychloride, cyls.....lb. .15 - .18
Pentoxide, dms., c.l., works, lb. .11 - .12
l.c.l., dms., wks.....lb. .13 - .14
Sesquisulphide, cs.....lb. .38 - .42
Trichloride, cyls.....lb. .15 - .16
Phthalamide, bbls., tons.....lb. .35 - —
single bbls.....lb. .40 - —
kgs. .....lb. .45 - .50
Phthalic anhydride, bbls., c.l., works, frt. alld. E. of Miss. R..lb. .14½- —
l.c.l., same basis.....lb. .15½- —
Pichi leaves, bgs.....lb. .14 Nom.
Pilocarpine hydrochloride, bots. vls..oz. 2.40 - 2.50
Nitrate, bots., vls.....oz. 2.90 - 3.00
Pimento, bgs.....lb. .14¼- .14⅝
Pinkroot, bls. .....lb. .35 - .36
Pitch, Burgundy (see B).
Coaltar, 160° m.p., bbls., c.l., works..ton.19.00 - —
l.c.l. .....ton.22.00 - —
hardwood, 1-time, dms., c.l., dlvd. Akron..ton.23.75 -24.00
linseed, dms. .....lb. .05 - .05¼
Petroleum (see Asphaltum, Mexican, Texas).
Pine, bbls. .....lb. 6.00 - 6.25
Plaster of paris (see Gypsum).
Pleurisy root, bls. .....lb. .11 - .12
Podophyllin, dms., dlvd., E. of Miss..lb. 4.50 - 4.70
Poke root, bls. .....ic. .07½- .08
Pomegranate bark, bgs.....lb. .16 - .17
Root bark, bgs.....lb. .35 - .38
Poppy flowers, red, bls.....lb. .70 - 1.00
Seed, Dutch, bgs.....lb. .07¾- .08¼
Polish, bgs.....lb. .07¾- .08
Potash abietate .....lb. .09 - —
Acetate, tech., bbls., dlvd..lb. .26 - —
kgs., dlvd. .....lb. .28 - —
USP, bbls., 250 lbs.....lb. .28 - —
kgs., 100 lbs. .....lb. .30 - —
cns., 25 lbs. .....lb. .33 - —
Arsenite, USP, solut., cbys., 100 lbs..lb. .11 - —
demj., 50 lbs. .....lb. .12 - —
Bicarbonate, USP, cryst., bbls., 300 lbs. .15 - —
kgs., 100 lbs.....lb. .17 - —
gran., bbls., 250 lbs.....lb. .15 - —
kgs., 100 lbs. .....lb. .17 - —
Bichromate, spot, c.l.,works.lb. .08⅜- —
5 casks or 10 bbls., or over, works..lb. .09 - —
5 casks or 9 bbls., or less, works..lb. .09¼- —
Bromide, USP, gran., bbls., 500 lbs..lb. .31 - —
fib., dms., 100 lbs.....lb. .32 - —
Carbonate, calc., dms., c.l., works..lb. .06½- —
l.c.l., same basis.....lb. .06¾- —
hydrated, 83-85%, bbls., c.l., works..lb. .05½- —
l.c.l., same basis.....lb. .05¾- —
liquid, dms., c.l., dlvd.....lb. .03 - —
l.c.l., dms.....lb. .03¼- —
tanks, dlvd.....lb. .0287½- —
USP, gran., bbls., 325 lbs..lb. .13¼- —
powd., bbls., 325 lbs.....lb. .19 - —
kgs., 100 lbs. .....lb. .21 - —
Caustic, flake, 88-92%, dom., dms., c.l., works..lb. .07 - —
l.c.l. .....lb. .07¼- .07½
import, dms.....lb. .07 - .07½
liquid, 45% basis, dms.....lb. .03¼- .03¾
tanks .....lb. .02½- —
solid, 88-92%, dom., dms., c.l., works..lb. .06¼- —
l.c.l. .....lb. .06½- .06¾
import, dms.....lb. .06¼- .06¾
Chlorate, cryst., kgs.....lb. .09¼- .09¾
gran., kgs.....lb. .12 - .13
powd., kgs.....lb. .08½- .09
Chloride, tech., 98%, cryst., bgs., kgs..lb. .04 - .06
Chromate, kgs.....lb. .24 - .27
Citrate, USP, gran., bbls., 250 lbs..lb. .33½- —
kgs., 100 lbs.....lb. .34½- —
cns., 50 lbs.....lb. .35½- —
cns., 25 lbs.....lb. .37½- .38½
Cyanide, cns., dms.....lb. .50 - .55
Glycerophosphate, 75%, sol., dms., 1,000-lb. lots....lb. .90 - —
100-lb. lots.....lb. 1.00 - —
50-lb. lots, cbys. or cns. lb. 1.05 - —
25-lb. lots, cns.....lb. 1.15 - —
Guaiacolsulphonate, fib., dms. 100 lbs. 1.60 - 1.65
cns., 25 lbs.....lb. 1.75 - —
Hydroxide, USP, sticks, cns... 100 lbs. .30½- .32
Hypophosphite, cns., 100 lbs., lb. .72 - —
25 to 50 lbs.....lb. .75 - —
Iodate, bots., 5 lbs.....lb. 3.31 - 3.35
cns., 25 lbs.....lb. 3.20 - —
Iodide, bbls., 250 lbs.....lb. 1.13 - —
bots., or cns.....lb. 1.22 - 1.48
dms. .....lb. 1.13 - 1.16
Kainit, 20% K_2O, bulk, c.i.f., ports..ton.12.25 - —
Manure salt, dom., run of mine, approx. 30%, K_2O, bulk, c.i.f. ports.....unit-ton. .58½- —
import, 30%, K_2O, bulk, shipt. unit-ton. .56½- —
Metabisulphite, kgs.....lb. .12 - .13½
Muriate, dom., all strengths, min., 50% K_2O bulk, unit-ton. .53½- —
import, all strngths, min. 90% KCl, basis 50% K_2O, bulk, c.i.f. ports.. unit-ton. .53½- —
Potash muriate prices in bags are $2 per ton higher than bulk price.

Potash, Oxalate—Red

Potash, oxalate, pure, cryst., kgs. lb. .30 - .31
tech., bbls. lb. .25 - .26
Nitrate, crude, bgs., c.i.f. ports. ton. 55.00 Nom.
Perchlorate, kgs., works lb. .09 - .10½
Permanganate, tech., dms. lb. .18½ - .19
Prussiate, red, bbls. lb. .30½ - .34
Yellow, bbls. lb. .15 - .16
Ricinoleate, tech., bbls. lb. .13 - —
Silicate alkaline, lump, bgs., lb. .07 - —
Sulphate, NF, cryst., bbls., 400 lbs. lb. .13 - —
kgs., 100 lbs. lb. .15 - —
powd., bbls., 350 lbs. lb. .14 - —
kgs., 100 lbs. lb. .16 - —
tech., 90-95%, min. 90%, bgs., shipt., c.i.f. ports. ton. 38.00 - —
l.c.l. lb. .13½ - —
Xanthate, dms., c.l. lb. .13 - —
Potash-magnesia sulphate, 48-58%, min. 48%, bgs., shipg. ton. 25.75 - —
Potash-titanium oxalate, kgs. lb. .35 - .40
Prickly ash bark, bls. lb. .12 - .13
Berries, bls. lb. No stocks
Prince's pine herb, bls. lb. .21 - .22
Propane, tanks, G.S. gal. .08 - —
Psyllium seed (see Fleaseed).
Pulsatilla, bls. lb. .17 - .18
Pumice stone, Italian, Amer.-grd., 4F, 3F, 2F, 1½F, and coarser, bbls., 3 or over, works. lb. .03 - —
less than 3, works. lb. .03½ - —
F and 1, bbls., 3 or over, works. lb. .03½ - —
less than 3, works. lb. .04 - —
O, O-½, O-¾, and ½, bbls., less than 3, works. lb. .04½ - —
3 or over, works. lb. .04 - —
Pumice, Ital-grd., bgs., c.l., shipt. ex dock, N.Y. ton. 32.65 Nom.
l.c.l., 5-29 tons, ex whse., ton. 37.70 - —
1,000-10,000 lbs., ex whse. ton. 38.70 - —
2 bgs. to 1,000 lbs., ex whse. ton. 40.70 - —
single bgs., ex whse. ton. 45.70 - —
Pumpkin seed, bgs. lb. .10 - .12
Purple lake (see Red).
Putty, com'l, dms. 100 lbs. 3.00 - —
linseed oil, raw, dms. 100 lbs. 4.50 - —
refined, dms. 100 lbs. 5.00 - —
standard, dms. 100 lbs. 3.95 - —
Pyrethrum concentrate, liq. (20 to 1), basis 2.4% pyrethrum (Sell test) 55-gal. dms. (incl.) frt. alld., E. of Rockies, standard brand. gal. 5.95 - —
basis (30 to 1) 3.0% pyrethrine 55-gal. dms., (incl.) frt. alld. E. of Rockies, standard brand. gal. 8.90 - —
Pyrethrum, flowers, coarse, grnd. (g.d.p.), Japan, bgs., frt. alld., 15 tons or over. lb. .26 - .27
fine powd. Japan, bbls., ton lots frt. alld. lb. .27 - .28
Pyridin, denaturing, dms. gal. 1.63 - —
refd., 2°, dms. lb. .50 - —
Pyrites, Spanish, bulk, c.i.f. Alt. ports. unit-ton. .12-13 Nom.
Pyrocatechin, CP, cryst, works, fib, dms., tins. lb. 2.15 - 2.40
resublimed, fib. dms., tins. lb. 4.60 - —
Pyrophyllite, standard, 200 mesh, c.l. mines. ton. 9.00 - —
325 mesh, same basis. ton. 12.00 - —
No. 3, 200 mesh, c.l. mines. ton. 7.50 - —
325 mesh, same basis. ton. 10.50 - —
Pyroxlin, scrap, amber, cs., works. lb. .12 - —
black, cs., works. lb. .10 - —
China white, ivory, cs., works. lb. .13 - —
dense white, cs., works. lb. .10 - —
gray, cs., works. lb. .08 - —
mixed, mottles, opaque, cs., works. lb. .04 - —
shell-demi, cs., works. lb. .12 - —
translucent pastels, cs., works. lb. .10 - —
transparent, cs., works. lb. .20 - —
colors, cs., works. lb. .12 - —
shavings, amber, cs., works. lb. .16 - —
colors, mixed, cs., works. lb. .10 - —
white, cs., works. lb. .15 - —

Q

Quassia chips, bls. lb. .05 - .06
Quebracho extract, liquid, 25% tan, bbls., works. lb. .03½ - —
tanks, works. lb. .02½ - —
solid, 63%, bgs., c.l., ex dock, plus duty. lb. .04 - —
clarified, 64%, bgs., c.l., same basis. lb. .04½ - —
Queen of the meadow leaves, bgs. lb. .07 - .08
Root, bgs. lb. .09 - .10
Quercitron, extract, liquid, 51°, bbls. lb. .07½ - .08½
solid, dms. lb. .10 - .15½
Quicksilver, dom., flasks, (76 lbs. net), dlvd., N.Y. flask. 77.00 -80.00
import, flasks, (76 lbs. net) in bond. flask. 64.00 - —
Quince seed, bgs. lb. .80 - 1.00
Quinidine, cryst., small, cns. oz. .90 - —
large, cns. oz. .96 - —
powd., precip., cans. oz. .91 - —
Sulphate, cns. oz. .67 - —
Quinine, 100 ozs., cns. oz. .76 - —
Acetate, cns. oz. .99 - —
Arsenate, cns. oz. .99 - —
Arsenite, cns. oz. 1.01 - —
Bisulphate, cns. oz. .54 - —
Citrate, cns. oz. .72 - —
Dihydrobromide, bots. oz. .75 - —
Dihydrochloride, bots. oz. .75 - —
Ethylcarbonate, cns. oz. .75 - —
Ferrocyanide, cns. oz. 1.01 - —
Formate, cns. oz. .94 - —
Glycerophosphate, cns. oz. 1.14 - —
Hydrochloride, cns. oz. .68 Nom.
Hydrochlorosulphate, cns. oz. .75 - —
Hydrolodide, cns. oz. .99 - —
Hypophosphite, cns. oz. .99 - —
Phosphate, cns. oz. .82 - —
Salicylate, cns. oz. .73 - —
Sulphate, U.S.P. X, cns. oz. .54 - —
U.S.P. XI, cns. oz. .61 - —
Sulphocarbolate, cns. oz. .97 - —
Tannate, cns. oz. .87 - —
Tartrate, cns. oz. .97 - —
Valerate, cns. oz. .93 - —
Quinine-urea hydrochloride cns. oz. .75 - —

R

R, salt, dry, bbls. lb. .55 - —
paste, dms. lb. .52 - —
Rapeseed, Belgian, bgs. lb. .06¼ - .06½
Dutch, black, bgs. lb. .06¼ - .06½
red, bgs. lb. .06¼ - .06½
Japanese, bgs. lb. .06 - .06¼
Raspberries, dried, bls. lb. .36 - .38
Red, alizarin lake, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis. lb. 1.10 - 1.90

Red, Alizarin lake prices are ½c. higher dlvd. Ala., Fla., Ga., Ia. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1½c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

Cadmium, lithopone, deep shade, bbls., ton lots, works, frt. alld. lb. .85 - —
smaller lots, same basis, lb. .90 - —
kgs., ton lots, same basis, lb. .90 - —
smaller lots, same basis, lb. .95 - —
light shade, bbls., ton lots, same basis. lb. .70 - —
smaller lots, same basis, lb. .75 - —
kgs., ton lots, same basis, lb. .75 - —
smaller lots, same basis, lb. .80 - —
light-medium shade bbls., ton lots, same basis. lb. .75 - —
smaller lots, same basis, lb. .80 - —
kgs., ton lots, same basis, lb. .80 - —
smaller lots, same basis, lb. .85 - —
maroon shade, bbls., ton lots, same basis. lb. .95 - —
smaller lots, same basis, lb. 1.00 - —
kgs., ton lots, same basis, lb. 1.00 - —
smaller lots, same basis, lb. 1.05 - —
medium shade, bbls., ton lots, same basis. lb. .80 - —
small lots, same basis, lb. .85 - —
kgs., ton lots, same basis, lb. .85 - —
smaller lots, same basis, lb. .90 - —
selenide, bbls., dark, works, lb. 2.50 - —
light, works. lb. 2.25 - —
Orange, bbls., 100-lb. lots, works. lb. 1.50 - —
Carmine, 40 1-lb. cns., 500 lbs., lb. 4.15 - —
dms., 500-lb. lots. lb. 4.00 - —
100-lb. lots lb. 4.10 - —
Crocus martis (see Red, purple oxide.)
Eosin toner, bbls. lb. 1.50 - 1.60
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y. lb. .08¾ - —
80%-85%, bbls., same basis. lb. .07¼ - —
Iron oxide (see Red, oxide).
Lake C toner, bbls., same basis alizarin lake, contracts. lb. 1.25 - —
open order. lb. 1.30 - —
Lithol toner, bbls., same basis, alizarin lake, contra. lb. .68 - —
open order. lb. .73 - —
Rose lake, bbls. lb. .20 - .30
Pink, bbls. lb. .15 - .30
Lithol-rubin toner, bbls., same basis alizarin lake. lb. 1.85 - —
Maroon lake, 25%, kgs., same basis alizarin lake conracts. lb. .40 - —
Oxide (see Red, purple oxide).
Mercury oxide, tech., dom. bbls. lb. .25 - —
Metallic, bbls., Pa., works. lb. .02 - —
Orange, Persian (see O).
Oxide, pure, bbls., c.l., works, lb. .08½ - —
l.c.l., works. lb. .09¼ - —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, New Castle, N.Y. lb. .08¼ - —
80% copperas oxide, bbls., same basis. lb. .07¼ - —
Para, toner, concent., kegs, same basis alizarin lake, contracts. lb. .75 - —
open order lb. .80 - —
Persian, Gulf, oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N. Y. lb. .04½ - .04¾
ex whse., Chicago, St. Louis. lb. .05¼ - —
San Fran., Los Ang., Portland, Seattle. lb. .05 - —
Phloxin toner (see Red, Eosin toner)
Phosphotungstic rhodamine Y, kgs. lb. 3.90 - —
Purple lake, kegs. lb. .60 - 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis. lb. .08 - —
Toner, kgs. lb. 1.50 - 2.00
Scarlet ink toner, kgs, same basis alizarin lake. lb. .50 - —
Lake, kgs., same basis alizarin lake. lb. .25 - .30
Spanish, oxide, bbls., f.o.b. N.Y. lb. .03¾ - .0390

Business Credentials
Quality products are the finest credentials any firm can show as evidence of reliability. They pave the way for doing business on a lasting foundation of trust. May we present our credentials in the form of samples to prove how efficiently and dependably we can meet your requirements for these and other products?
• MAGNESIUM CARBONATE
• TITANATED LITHOPONE
• WHITING
CADMIUM REDS AND YELLOWS
WITCO

WITCO

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ALCOHOL NEWS

December ★ A Monthly Series of Technical Articles for Chemists and Executives ★ 1938

Alcohol Solution In Ice Caps Saves Time, Money For Hospital

NEW YORK, N. Y.—To simplify nursing routine by eliminating numerous time-consuming operations, one large hospital is standardizing on the use in ice caps and collars of a 10% alcohol solution in place of the conventional cracked ice, according to the *American Journal of Nursing*. The solution freezes at minus 4° C.

Each cap is filled with 500 cc. of a 10% alcohol solution and, the article states, takes from 60 to 90 minutes to freeze in electric units employed by the hospital. Used ice caps are washed with soap and water, dried and then returned to the freezer. It is not necessary to remove the solution, according to the article.

Tests over a five year period in an 18 story surgical building, with an average census of 250 patients and a five room operating suite, are said to have convinced authorities of the economy of the measure.

The mixture produced by the freezing of the solution is described as firm but easily broken up by hand to make the cap conform more readily to body contours.

Use Acetone To Extract Carotene From Palm Oil

LONDON, England.—Acetone is used to extract carotenes (provitamin A) from palm oil in a new process described here recently. According to the article, the palm oil is bleached in activated fuller's earth and light petroleum is used to remove the entrained oil. The adsorbed carotenes are then extracted in concentrated form by suspending the washed earth in acetone and evaporating the solution.

Thio-Mercuri-Bacteriostatic

A recent article states that 2-ethyl-mercuri-thiopyridine-5-carboxylic acid in a solution of 1-3,750,000 is a stable mercury antiseptic able to prevent the growth of *Staphylococcus aureus*.

Effective Anti-oxidant

WILMINGTON, Del.—Aliphatic alcohols are effective anti-oxidants for petroleum-terpene hydrocarbon blends, an article published in the *Hercules Chemist* states. As little as 1% of ethyl alcohol by volume is protection for a period of about five months, and, unlike some anti-oxidants, will not cause discoloration, it is claimed.

A. F. Wortman, Webb Sales Manager, to Retire Jan. 1

NEW YORK—Rounding out a record of 51 years of service that is probably without parallel in the industrial alcohol industry, A. F. Wortman, sales manager of James A. Webb and Son, Inc., a division of U.S.I., retires on January 1. For over a century James A. Webb and Son have been supplying the famous "Webb" brand of pure alcohol to hospitals, and perfume and flavoring extract manufacturers.

A. F. WORTMAN

Began in 1888

"Gus," as he is known to thousands of alcohol buyers, completes a career that, incredible as it may seem, began on January 2, 1888 with the old firm of James A. Webb and Son at 165 Pearl Street. The Webb company was founded in 1835.

In 1920, five years after James A. Webb and Son had been acquired by the U. S. Industrial Alcohol Co., Mr. Wortman was made manager of the Webb company. He also served as assistant secretary and assistant treasurer of the parent company.

Mr. Wortman's departure is regretted by his host of friends, but those who know him best have a suspicion that "Gus" is going to welcome the extra time he will be able to give his favorite recreations of bowling, bridge, dancing and the Knickerbocker Field Club.

IN MODERN BACTERIOLOGICAL LABORATORIES extreme care is taken to prevent contamination of cultures. This girl is transplanting stock cultures at the Abbott Laboratories in North Chicago, Ill. *Photo from Gerald Young*

Two S.D. Formulas Available for Rubbing Alcohol Compounds

Acetone, Methyl Propyl Ketone Denaturants in New Alternate

WASHINGTON, D. C.—Announcement of an alternative specially denatured alcohol formula to be used in the manufacture of rubbing alcohol compounds was made in Treasury Decision 4869 on October 28.

The new formula, No. 23-H, became effective on the same date. It provides for the addition of 8 gallons of acetone U.S.P. and 1.5 gallons of Methyl Isobutyl Ketone to each 100 gallons of ethyl alcohol 190° proof.

T.D. Specifies Formula

The Treasury Decision specifies the following "Standard Formula for Rubbing Alcohol Compounds Manufactured with Specially Denatured Alcohol Formula No. 23-H":

SDA Formula No. 23-H	103.3 Fluid ounces
Sucrose Octa-acetate	½ Avoirdupois ounce
Water qs	1 gallon

"The manufacturer of rubbing alcohol compounds may also add to the formula such other odorous constituents or medicaments as is desired, provided they are shown in the formula submitted for approval and the finished product contains 70 per cent absolute alcohol by volume."

"Rubbing alcohol compounds must be packaged, labeled, and distributed as provided in the second paragraph of Article 146 of Regulations No. 3, as amended by Treasury Decision 4743."

How Formulas Compare

NEW YORK, N. Y.—The U. S. Industrial Alcohol Co. is now supplying specially denatured alcohol formula No. 23-H, offered as an alternative to SD No. 23-G for the manufacture of rubbing alcohol compounds.

The physical constants of the two formulas compare as follows:

	No. 23-G	No. 23-H
Resultant volume of finished formula	104.0 gals	109.45 gals.
% alcohol by volume in formula (190° proof basis)	96.15	91.53
% alcohol by volume in formula (200° proof basis)	91.35	86.95
Apparent proof (at 60°/60° F.)	190.4	190.95
Specific gravity (at 60°/60° F.)	0.8160	0.8139
Weight per gal. (at 60° F.)	6.794	6.779
Flash point (closed cup)	57° F.	41° F.
Coefficient expansion (per ° F.)	0.0006	0.0006
Coefficient expansion (per ° C.)	0.0011	0.0011

Manufacturers desiring to manufacture rubbing alcohol compounds shall submit quantitative formulas and labels for these preparations on Form 1479-A, in quadruplicate, to the district supervisor, who will handle them in accordance with the provisions set forth in Treasury Decision 4743.

Foaming of Carbonated Coffee

WASHINGTON, D. C.—To prevent objectionable foaming when diluted with carbonated water, a liquid coffee concentrate patented here contains a small proportion of di-sodium phosphate to produce a pH of about 5.7.

ADVERTISEMENT—*This entire page is a paid advertisement.*

December ★ # ALCOHOL NEWS ★ 1938

Present Alcohol Tax Unfair to Consumers, Extract Makers Say

WASHINGTON, D. C.—The present tax of $2.25 per wine gallon on ethyl alcohol is having a "devastating" effect on the Pure Flavoring Extract industry and is placing an unfair burden on the ultimate consumer of flavorings, it was asserted here by members of the Flavoring Extract Manufacturers' Association.

Representatives of the Association, meeting in conference with officials of the Treasury Department, presented resolutions urging the Department and Congress to pass appropriate legislation recognizing the principle of a lower tax on alcohol for non-beverage use.

12 Times Cost of Alcohol

The flavoring products industry, they pointed out, uses approximately 5,000,000 gallons of alcohol annually on which it pays a tax equivalent to $4.27½ on each wine gallon of 190 proof alcohol. This tax, it was emphasized, is currently over 12 times the cost of the alcohol itself.

James P. McGovern, of the Industrial Alcohol Institute, stated that, in his opinion, machinery already existed for the control of the use of such alcohol, in the event that the entire tax was eliminated.

Chills Liver Solutions To Precipitate Proteins

CHICAGO, Ill.—By refrigerating alcoholic solutions of liver paste at temperatures of minus 20° F. or below, it is possible to remove undesirable proteins without resorting to chemical reagents, an inventor of this city reveals in a recent patent.

In addition to proteins, other impurities including glycogen, soluble dextrins, glucose, and lipoids crystallize out at these low temperatures, thus making extracts, the patent states, pure enough for hypodermatic injection. Solutions potent enough for each one cc. to represent the anti-anemic substances derived from 100 grams of liver may be prepared.

In a typical plan of operation, the process consists of adding 70% denatured alcohol to the paste prepared by hot water extraction, then chilling at minus 20° F. for 10 to 20 hours. Subsequent steps, according to the patent, involve decanting or filtering the alcohol solution while at minus 20° F., concentrating under vacuum to a syrup (about 66% solids) and then mixing it with absolute alcohol to remove reducing substances.

One part of the final paste product recovered from absolute alcohol represents the potency of 285 parts of original fresh livers, it is claimed.

Better Mildew-Proofing With Alcohol Solution

Mold growth was attacked on two fronts recently. First, a Danish inventor reports that treatment with calcium propionate prevents mold growth on food-stuffs and water-proof oiled paper. Second, an author in this country states that phenyl mercuric nitrate gives better mildew-proofing when dissolved in warm alcohol instead of water.

Alcohol Injections Aid Gastric Cancer Patients

MOSCOW—Injecting 15 to 20 cc. of an 80% solution of alcohol caused cessation of pain for from one and one-half to six and one-half months in 22 cases of inoperable cancer and gastric ulcer, it is announced here in an article appearing in *Khirurgiya*.

The report describes 10 cases in which splanchic anesthesia was induced, and 10 cases in which injection into the lesser omentum was employed in order to effect a break in the neurofibers of the sympathetic. Combined injections were adopted for two cases.

Dry Ice-Alcohol Mixture Preserves Virus at −78° C.

BALTIMORE, Md.—Virulent organisms, including the viruses of human influenza, yellow fever and spontaneous encephalomyelitis, can be preserved for long periods at the low temperature obtained with a Dry Ice-Alcohol mixture, according to an article in the *Journal of Experimental Medicine*. Strains of virulent *Treponema pallidum* and *Treponema pertenue* preserved in tissue from rabbit testis for one year regained their former morphology and motility upon thawing and reproduced disease in rabbits exactly the same as fresh material, the author states.

His method makes use of a mixture of Dry Ice in 95% Alcohol to reduce the temperature to −78°C rapidly. Sealed ampoules or stoppered vials containing infected tissue are protected by perforated metal boxes and immersed in this freezing mixture. When required, the ampoule is removed with gauntlets, opened at once lest the expanding air crack it, and thawed in an incubator or a 37°C water bath.

Ethyl Acetate For Pectin Extraction

For softening or swelling citrus fruits or fruit peels prior to or simultaneous with the extraction of their pectin with a neutral or acidified aqueous solvent, ethyl acetate or butyl acetate may be used, according to a recent patent.

TECHNICAL DEVELOPMENTS

Further information on these items may be obtained by writing to U.S.I.

Better lipstick can be made if a new wax-like product is used in place of all or part of the beeswax or stearic acid, the manufacturer claims. The synthetic material is said to be compatible with bromo acid and to melt at 135°, close to the temperature at which many popular lipsticks melt. **(No. 160a)**

U S I

A new preservative designed to replace benzoic acid, sodium benzoate or salicylic acid is said to be more effective in acid, alkaline or neutral conditions. It is described as a white, odorless, stable, non-toxic powder readily soluble in alcohol and in water. **(No. 161a)**

U S I

Tasteless effervescent products, without the characteristic taste of alkali citrates or tartrates, can be produced with a new acid, according to the developer. Tablets and effervescent salts are viewed as particularly suitable markets for the acid. **(No. 162a)**

U S I

Two new flameproofing materials for textiles, paper and paper products, do not cause stiffening or yellowing or otherwise adversely affect the handle or appearance, the manufacturer announces. Superior penetration and after-glow prevention, as well as greater efficiency on a weight basis, are claimed. **(No. 163a)**

U S I

Odorless, edible cocoanut oil which does not have the allegedly peculiar and characteristic odor of ordinary grades was announced recently. Its use in cosmetics is said to enable further novel variations. **(No. 164a)**

U S I

Degraded keratin, a new material made from hair, tends to overcome the alleged destructive action of permanent wave solutions during treatment, according to a recent announcement. The product is intended for use in alkaline solution and is reported attractively priced. **(No. 165a)**

U S I

High potency carotene in edible oil containing two million vitamin A units per pound is now available at a very reasonable price, according to the manufacturer. It is expected to be of particular interest to color matchers, who would take approximately three 2-cc portions daily to relieve eye strain. (See **Solvent News** Nov. 1938.) **(No. 166a)**

U S I

Anhydrous stannous chloride is described as a new industrial chemical which possesses marked advantage over ordinary tin crystals in stability, concentration and purity. **(No. 167a)**

U S I

Exceptionally pure grades of fatty acids, including Stearic, Lauric, Palmitic, Caproic, Caprylic and Capric acids, are now available in commercial quantities with a minimum purity of 90% the manufacturer writes. **(No. 168a)**

U S I

An odorless disinfectant—germicide—fungicide especially developed as an athlete's foot preventive, was announced recently. The developers of this product expect it to sound the death knell of the chlorine odor in locker rooms connected with swimming pools. **(No. 169a)**

U.S.I. INDUSTRIAL ALCOHOL CO.
U.S.I. INDUSTRIAL CHEMICAL CO. INC.
WORLD'S LARGEST PRODUCERS OF INDUSTRIAL ETHYL ALCOHOL
SPECIALLY DENATURED-*All Formulas* • COMPLETELY DENATURED-*All Formulas* • ANHYDROUS-*Denatured* • ABSOLUTE-*Pure*
SOLOX-*The General Solvent* • U. S. I. DENATURED ALCOHOL • SUPER PYRO *Anti-Freeze*
PURE (190 PROOF) TAX PAID—TAX FREE
U. S. I.—U. S. P.-*Ethyl* • WEBB'S-*Ethyl*
Executive Offices: 60 East 42nd Street, New York, N. Y. Branches in all Principal Cities.

Red, toluidin toner, kgs., same basis alizarin lake..lb. 1.35 - —
Tuscan, bbls., f.o.b. N. Y., St. Louis..lb. .11 - .40
Venetian, bbls., works.....lb. .0220- —
10%, bbls., works.....lb. .0245- —
15%, bbls., works.....lb. .0255- —
20%, bbls., works.....lb. .02¾- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03½- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermilion, Amer., bbls., same basis alizarin lake..lb. .15 - —
quicksilver, bbls., 500 lbs..lb. 1.50 - —
smaller lots.....lb. 1.51 - 1.64
Red dyes are listed under Dyes.
Red precipitate, N. F., powd., fib. dms., 50 lbs. or more..lb. 1.61 - —
Red saunders wood, ground, bbls. lb. .12 - .17
Resorcinol, tech., dms., works.lb. .75 - .90
USP, cryst., bbls., works...lb. 1.50 - 1.55
Rhatany root, bgs.....lb. .09 - .10
Rhodinol, bots. .....lb. 5.75 - 6.75
Rhubarb root, cs.....lb. .35 - .36
powd., bbls., kgs.....lb. .40 - .41
Rochelle salt, cryst., bbls., 5,000 lbs., 1 shipm't..lb. .17¾- —
smaller lots.....lb. .18¼- —
powd., bbls., 5,000 lbs., 1 shipt..lb. .16¾- —
smaller lots.....lb. .17¼- —
Rose flowers, pale, bls.....lb. .45 Nom.
red, bls.....lb. 2.25 - 2.30
Rosemary flowers, bls.....lb. .25 - .30
Leaves, bls.....lb. .05 - .06
Rosin, gum B, bbls., ex dock, 280 lbs. 5.00 - —
D. bbls.....280 lbs. 5.25 - —
E, bbls.....280 lbs. 5.35 - —
F, bbls.....280 lbs. 5.55 - —
G, bbls.....280 lbs. 5.65 - —
H, bbls.....280 lbs. 5.65 - —
I, bbls.....280 lbs. 5.65 - —
K, bbls.....280 lbs. 5.65 - —
M, bbls.....280 lbs. 5.65 - —
N, bbls.....280 lbs. 6.60 - —
W. G., bbls.....280 lbs. 7.05 - —
W. W., bbls.....280 lbs. 7.55 - —
X, bbls.....280 lbs. 7.55 - —
Rottenstone, dom., bgs., c.l., f.o.b. mines..ton.35.00 - —
l.c.l., ex whse.....ton.50.00 - —
Import., lump, bbls.....lb. .12 - —
powd., bbls.....lb. .08½- .10
Rue, bls.....lb. .15 - .16

S

Sabadilla seed, powd., bbls....lb. .18 - .19
Saccharin, dms., 100 lbs.....lb. 1.45 - —
cns., 25 lbs.....lb. 1.48 - 1.50
Safflower, bls. .....lb. .22 - .23
Saffron, Mexican, bls.....lb. .28 - .29
Spanish, tins.....lb.26.00 -27.00
Safrol, cns. .....lb. .52 - .53
dms. .....lb. .50 - .51
Sage, Dalmatian, stemless....lb. .05¾- .06
garden, bls. .....lb. .06¼- .06½
Sago flour, bgs.....lb. .02½- .03¼
Salicin, bots., 5 lbs.....lb. 5.00 - —
cns., 25 lbs.....lb. 4.75 - —
Salol, gran., bbls., 200 lbs....lb. .90 - —
bxs., 25 lbs.....lb. .93 - —
kgs., 100 lbs.....lb. .90 - —
powd., fib. dms., 25 lbs.....lb. 1.03 - —
kgs., 100 lbs. .....lb. 1.00 - —
Salt, rock, bgs., dlvd., N. Y..ton.13.20 -13.80
l.c.l., bgs., dlvd., N.Y..ton.15.00 -15.60
vacuum, common, fine, bgs., c.l., dlvd., N.Y..ton.15.30 - —
l.c.l., dlvd., N. Y.....ton.16.30 -21.00
Saltcake, grd., dom., bbls., works, ton.19.00 -25.00
bulk, works .....ton.15.00 - —
import, bulk, c.i.f.....ton.15.00 -16.00
Chrome (see Chrome cake).
Saltpeter, dbl. refined, cryst., 10-20 tons, bbls..100 lbs. 7.50 - 8.25
1-9 tons .....100 lbs. 7.65 - 8.40
less than ton lots..100 lbs. 7.90 - 8.65
gran., bbls., 10-20 tons..100 lbs. 6.50 - —
1-9 tons .....100 lbs. 6.65 - —
less than ton lots..100 lbs. 6.90 - —
powd., bbls., 10-20 tons.100 lbs. 7.50 - —
1-9 tons.....100 lbs. 7.65 - —
less than ton lots..100 lbs. 7.90 - —
Santonin, cryst., cns.....lb.21.00 -22.00
Saponin, crude, cns.....lb. 1.45 - —
purified, bots, 5 lbs.....lb. 1.65 - —
cns., 25 lbs.....lb. 1.50 - —
Sarsaparilla root, Honduras, bls.lb. .40 - .41
Mexican, bls.....lb. .18 - .19
Sassafras, bark, ord., bls.....lb. .13 - .15
select, bls.....lb. .19 - .20
Savory, bbls. .....lb. .07¾- .08
Saw palmetto berries, bgs.....lb. .07 - .07½
Scammony root, bgs.....lb. .06 - .07
Schaeffer's salt, bgs.....lb. .46 - —
Seidlitz mixture, bbls., 5,000 lbs., 1 shipm't..lb. .13¾- —
smaller lots.....lb. .14¾- —
kegs, 5,000 lbs., 1 shipm't..lb. .14¾- —
smaller lots.....lb. .14¾- —
Selenium, pwd., A, 10-lb. tins..lb. 2.00 - —
100-lb. cases.....lb. 1.75 - —
Senega, root, bls.....lb. .65 - .70
Senna leaves, Alexandria, bls..lb. .10 - .14
siftings, bls.....lb. .08½- .09
Tinnevelly, No. 1, bls.....lb. .09 - .10
2 bls.....lb. .07 - .08
3 bls.....lb. .04¾- .05½
powd., bbls., bxs.....lb. .09 - .10
Pods, bls.....lb. .05½- .06
Senegaria root, bls.....lb. .75 - .80
Shellac, bleached, bonedry, bbls., f.o.b., N.Y..lb. .19 - .20
dlvd. Boston.....lb. .19½- .20½
Chicago .....lb. .19¾- .20¾
Pacific Coast.....lb. .22 - .23
refd., bbls., f.o.b. N.Y.....lb. .23 - —
dlvd. Boston.....lb. .25½- —
Chicago .....lb. .25¾- —
Pacific Coast.....lb. .28 - —
Garnet, bgs.....lb. .12½- .13
Orange, D.C., VSO., Diamond, cases..lb. .20 - .21
Superfine, bgs., f.o.b. Bost. N. Y..lb. .11 - .11½
dlvd. Chicago.....lb. .11½- .12
Pacific Coast.....lb. .14½- .15
T.N., bgs., f.o.b. Bost., N. Y. lb. .10½- .11
dlvd. Chicago.....lb. .11 - .11½
Pacific Coast.....lb. .13½- .14
Shellac varnish, orange, 5-lb. cut, bbls..gal. .90 - .95
4½-lb. cut, bbls.....gal. .85 - .90
4-lb. cut, bbls.....gal. .80 - .85
white, 5-lb. cut, bbls.....gal. 1.00 - 1.10
4½-lb. cut, bbls.....gal. .95 - 1.05
4-lb. cut, bbls.....gal. .90 - 1.00
Silica, amorph., dry-grd., 95-97%, 325 mesh, bgs. c.l., works.ton.17.00 - —
l.c.l., 2½ tons, works.ton19.00 - —
smaller lots, works.ton.20.00 - —
wet-grd., 95-97%, 325 mesh., bgs., c.l., works..ton.18.00 - —
l.c.l., 2½ tons, work.ton.19.50 - —
smaller lots, works.ton.21.00 - —
400 mesh, bgs., c.l., works, ton.35.00 - —
l.c.l., 2½ tons, works.ton.36.50 - —
smaller lots, works.ton.38.00 - —
Silica, amorph., wet-grd., 96-98%, 325 mesh, bgs., c.l., works..ton.20.00 - —
l.c.l., 2½ tons, works.ton.21.50 - —
smaller lots, works.ton.23.00 - —
90%, 325 mesh bgs., c.l., works..ton.22.00 - —
l.c.l., 2½ tons, works.ton.25.50 - —
smaller lots.....ton.27.00 - —
hard-quartz, 140 mesh, bgs., c.l., works.....ton.11.00 - —
l.c.l., works.....ton.16.00 - —
Silver bullion.....oz. .42¾- —
Govt. purchase.....oz. .6464- —
Cyanide, cns., 1,000 ozs.....oz. .39½- —
500-999 ozs.....oz. .39⅝- —
80-499 ozs.....oz. .39⅝- —
16-79 ozs.....oz. .42¼- —
Nitrate, vis.....oz. .31½- .33⅛
Nucleinate, bots., cns., 480 ozs., oz. .30 - .31
Proteinate, bots., cns., 480 ozs., oz. .29 - .30
Simaruba bark, bls.....lb. .28 - .30
Skatol, bots.....lb.75.00 -80.00
Skullcap, Eastern, bls.....lb. .16 - .17
Western, bls.....lb. .14 - .17
Skunk cabbage root, bls.....lb. .15 - .17
Slate flour, bgs., c.l., works..ton. 9.00 - —
l.c.l., works.....ton.10.00 -15.00
Sloe berries, bgs.....lb. .10 - .11
Smalt, black, extra velvet, cnts., lb. .05 - .08
Blue, cts.....lb. .07 - .08½
Snakeroot, Canada, bls.....lb. .24 - .26
Soapbark, bls.....lb. .07 - .08
crushed, bls., bbls.....lb. .11 - .12
cut, bls., bbls.....lb. .09½- .10
powd., bbls.....lb. .13 - .14
Soda abietate, dms.....lb. .11 - —
acetate, anhyd., dms., dlvd..lb. .08¼- .10
flake, gran., powd., 60% dms., c.l., dlvd..lb. .04 - —
l.c.l., dlvd. ....lb. .04½- .05
powd., 90%, dms., c.l., dlvd. lb. .06 - —
l.c.l., dlvd. .....lb. .06¾- —
Alginate, dms. .....lb. .70 - —
Antimoniate, bbls.....lb. .12 - .12½
Arsenate, dms., dealere, c.l., works..lb. .08 - —
l.c.l., dms., works.....lb. .08½- —
Arsenite, dry, gray, dms., c.l., dealers' works..lb. .07½- .09½
l.c.l., dms., works.....lb. .08 - .10
white, dms., c.l., dealers' works..lb. .09 - .11
l.c.l., dms., works.....lb. .09½- .11½
liquid, 50 gls., dms.....gal. .85 - —
Soda arsenite, dry, gray, prices are ¾c. per pound higher in Chicago; 1c. per pound higher in Houston, Tex., and Colorado. White prices are 1c. per pound higher in Tex. and Colo.
Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.10 - —
l.c.l., Zone 1.....100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.33 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works..100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l., works....100 lbs. .95 - —
extra light, 58%, bgs., c.l.... 100 lbs. 1.08 - —
l.c.l., Zone 1.....100 lbs. 2.08 - —
2 .....100 lbs. 2.23 - —
3 .....100 lbs. 2.48 - —
4 .....100 lbs. 2.88 - —
bbls., c.l., Zone 1..100 lbs. 1.45 - —
2 .....100 lbs. 2.60 - —
3 .....100 lbs. 2.80 - —
4 .....100 lbs. 3.25 - —
l.c.l., Zone 1.....100 lbs. 2.45 - —
bulk, c.l. .....100 lbs. .90 - —
light, 58%, bgs., c.l., works, 100 lbs. 1.05 - 1.08
l.c.l., Zone 1.....100 lbs. 2.08 - —
2 .....100 lbs. 2.23 - —
3 .....100 lbs. 2.48 - —
4 .....100 lbs. 2.88 - —
bbls., c.l., works....100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. .90 - —
Soda ash l.c.l. prices are per 100 lbs. f.o.b. recognized warehouse points and include delivery in any quantity to customer's sidewalk within recognized local trucking distance of seller's warehouse. The sales zones are:—Zone 1, E. of Miss. R., but including Davenport and St. Louis, to S. bndry. of Va. and Ky., N. E. States (in Me., N. H., Vt.), special local prices apply for shipts. to various counties; Zone 2, Ala., Fla., Ga., Iowa (except Davenport), E. Kan. (incl. Wichita), Minn., Miss., Mo. (except St. Louus), N. C., Omaha, S. C., Tenn.; Zone 3, Ark., Kan. (W. of Wchita), La., Neb. (except Omaha), N. D., Okla., S. D., Tex. (except El Paso); Zone 4, Ariz., Colo., El Paso (Tex.), Idaho, Mont., Nev., N. M., Spokane, Utah, Wyo.; Zone 5, Calif., Ore., Wash. (except Spokane).
Benzoate, tech., bbls., 4,000 lbs. or more..lb. .39 - —
1,000 to 3,900 lbs.....lb. .40 - —
900 lbs. or less.....lb. .43 - —
USP, bbls., 4,000 or more..lb. .46 - —
1,000 to 3,900 lbs.....lb. .47 - —
900 lbs. or less.....lb. .50 - —
dms., 4,000 lbs., or more. lb. .47 - .48
1,000 to 3,900 lbs.....lb. .48 - .49
900 lbs. or less.....lb. .51 - .52
Bicarbonate, USP, gran., bbls., c.l., works..100 lbs. 2.25 - —
powd., bbls., c.l., works, 100 lbs. 1.85 - —
l.c.l., dlvd. N. Y.100 lbs. 2.51 - —
kgs., c.l.....100 lbs. 2.10 - —
l.c.l., dlvd. N. Y.100 lbs. 2.76 - —
tech., bbls., c.l., wks..... 100 lbs. 1.70 - —
l.c.l.....100 lbs. 2.05 - —
bgs., c.l.....100 lbs. 1.55 - 1.60
l.c.l., bgs.....100 lbs. 1.90 - 1.95
Bichromate, spot, c.l., works, lb. .06¾- —
l.c.l., 6 cks, or 10 bbls. or over, works..lb. .07 - —
5 cks, or 9 bbls. or less, works..lb. .07¼- —
Bifluoride, bbls.....lb. .11¼- .12
Bisulphite, powd., bbls., c.l., bbls., wks.....100 lbs. 3.30 - 3.55
l.c.l., works.....100 lbs. 3.50 - 3.60
Solution, 32 deg., bbls., c.l., works..100 lbs. 1.30 - —
l.c.l., bbls., works..100 lbs. 1.55 - —
33 deg., bbls., c.l., works, 100 lbs. 1.35 - —
l.c.l., bbls., works.100 lbs. 1.60 - —
35 deg., bbls., c.l., works, 100 lbs. 1.40 - —
l.c.l., bbls., works.100 lbs. 1.65 - —
40 deg., bbls., works.100 lbs. 1.55 - —
l.c.l., bbls., works.100 lbs. 1.80 - —
Bromide, USP, gran., bbls., 500 lbs..lb. .31 - —
fiber dms., 100 lbs.....lb. .32 - —
Soda, cacodylate bots., 5 lbs...lb. 5.31 - —
jars 25 lbs.....lb. 5.50 - —
Carbonate (see Soda ash, soda memohydrated, soda sal)
Caustic, flake, 76%, 1, gr. powd., ammon. process, bbls., c.l., works..100 lbs. 2.95 - —
dms., c.l., works...100 lbs. 2.70 - —
l.c.l., Zone 1....100 lbs. 3.55 - 4.90
2 .....100 lbs. 3.70 - 5.05
3 .....100 lbs. 3.95 - 5.30
4 .....100 lbs. 4.35 - 5.70
electro process, dms., c.l., works..100 lbs. 2.70 - —
l.c.l. same zone prices as ammonia process.
liquid, 47-49% buyer's tanks, works..100 lbs. 1.92½- —
seller's tanks, works, 100 lbs. 1.95 - —
70%, buyers' tanks, works, 100 lbs. 1.97½- —
seller's tanks, works, 100 lbs. 2.00 - —
solid, 76%, ammon. process, dms., c.l., works.... 100 lbs. 2.30 - —
l.c.l., Zone 1....100 lbs. 3.15 - —
2 .....100 lbs. 3.30 - —
3 .....100 lbs. 3.55 - —
electro process, dms., c.l., works..100 lbs. 2.30 - —
l.c.l., same zone prices as ammon. process.
Caustic soda l.c.l. prices are on the same basis as those for soda ash. The sales zones are also the same.
Chlorate, dom., cryst., bgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06½- —
powd., bgs., c.l., works..lb. .06½- —
l.c.l., works.....lb. .07 - .08½
Citrate, U.S.P., VIII, gran. bbls...225 lbs. .19½- —
cns., 50 lbs.....lb. .21½- —
25 lbs.....lb. .23½- .24½
kgs., 100 lbs.....lb. .20½- —
USP XI, gran., bbls., 250 lbs. lb. .26 - —
cns., 50 lbs.....lb. .28 - —
25 lbs.....lb. .30 - .31
kgs., 100 lbs.....lb. .27 - —
powd., bbls., 250 lbs.....lb. .28½- —
cns., 50 lbs.....lb. .28½- —
25 lbs.....lb. .30½- .31½
kgs., 100 lbs.....lb. .27½- —
Cyanide, 96-98%, dom., dms..lb. .14 - .15
Import, 90%, cs.....lb. .12¾- .13¾
Diacetate, 33-35% acidity, bbls., dlvd..lb. .09 - —
Fluoride, white, 90%, bbls., c.l., f.o.b. Phila...lb. .07½- —
l.c.l., 10 or over, same basis..lb. .07¾- —
5-9, same basis.....lb. .08½- —
1-4, same basis.....lb. .08¾- —
95%, bbls., c.l., same basis. lb. .07½- —
l.c.l., 10 or over, same basis..lb. .08 - —
5-9 same basis.....lb. .08½- —
1-4, same basis.....lb. .08¾- —
Soda fluoride prices at Los Angeles are f.a.s. Phila.
Glycerophosphate, N. F., cryst., bbls., 1,000-lb. lots..lb. 1.00 - —
smaller lots.....lb. 1.15 - —
cns., 25 lbs.....lb. 1.40 - —
powd., bbls., 1,000-lb. lots..lb. 1.05 - —
smaller lots.....lb. 1.20 - —
cns., 25 lbs.....lb. 1.45 - —
Hydrosulphite, bbls.....lb. .16 - .17
Hydroxide, USP., sticks, cns. 100 lbs. .20½- .22
Hypophosphite, N.F., cns.... 100 lbs..lb. .67 - —
Hyposulphite, cryst., large, bgs, c.l., wks, frt. equal'd, 100 lbs. 2.25 - —
bbls., same basis..100 lbs. 2.45 - —
l.c.l., bgs., wks., frt. equal'd..100 lbs. 2.50 - —
bbls., same basis..100 lbs. 2.70 - —
100 lbs. 2.40 - 2.65
pea, bgs., c.l., works..100 lbs. 2.60 - —
bbls., works.....100 lbs. 2.80 - —
dms., works.....100 lbs. 3.10 - —
5,000 lbs. and over, bgs., works..100 lbs. 2.75 - 3.00
bbls., wks.....100 lbs. 2.95 - 3.20
dms., wks.....100 lbs. 3.25 - 3.60
2,500 to 5,000 lbs., bgs., wks..100 lbs. 2.85 - 3.10
bbls., wks.....100 lbs. 3.05 - 3.30
dms., wks.....100 lbs. 3.35 - 3.60
500 to 2,500 lbs., bgs., wks., 100 lbs. 3.10 - 3.35
bbls., wks.....100 lbs. 3.30 - 3.55
dms., wks.....100 lbs. 3.60 - 3.85
less than 500 lbs., bgs., wks, 100 lbs. 3.70 - 3.95
bbls., wks.....100 lbs. 3.90 - 4.15
dms., wks.....100 lbs. 4.20 - 4.45
Iodate, jars.....lb. 5.02 - 5.07
Iodide, jars.....lb. 2.10 - —
bots. .....lb. 2.21 - 2.47
Mandelate, bots., 5 lbs.....lb. 3.30 - —
fib. dms., 25 lbs.....lb. 3.15 - —
Metanilate, kgs.....lb. .41 Nom.
Metasilicate, ground, dms., c.l., works..100 lbs. 3.15 - —
l.c.l., works.....100 lbs. 3.40 - —
cryst., dms., c.l.....100 lbs. 2.90 - —
gran., bbls., c.l., wks...100 lbs. 2.20 - —
Molybdate, kgs., wks.....lb. .60 - —
less kgs.....lb. .65 - —
Monohydrated, bbls.....100 lbs. 2.60 - —
works .....100 lbs. 2.30 - —
Naphthenate, bbls.....lb. .19 - —
Naphthionate, bbls.....lb. .50 - —
Nitrate, crude, c.l., 100-lb. bgs., Dec.-June delivery, f.o.b. cars producing point or ports, rail or boat shipment..ton.29.00 - —
200-lb. bgs., same basis..ton.28.30 - —
bulk, same basis.....ton.27.00 - —
rfd., gran., bbls., 10 tons, 100 lbs. 2.50 - —
1-9 tons.....100 lbs. 2.65 - —
smaller lots.....100 lbs. 2.90 - —
pwd., bbls., ton lots..100 lbs. 5.65 - —
smaller lots.....100 lbs. 5.90 - —
Nitrite, 96-98%, dom., bbls., c.l., works, frt. equalized..lb. .06¾- —
c.l., West Coast, f.o.b. ports..lb. .08 - —
l.c.l. .....lb. .08¼- .11¼
Soda nitrite l.c.l price range represents delivery at various points.
Oxalate, neut., bbls.....lb. .09 - —
kgs. .....lb. .11 - —
Perborate, N. F., bbls., c.l., works..lb. .14¾- —
l.c.l., works.....lb. .15¼- —
Phosphate, dibasic, tech., bgs., c.l., works..100 lbs. 1.85 - —
l.c.l., works.....100 lbs. 2.25 - —
bbls., c.l., works...100 lbs. 2.05 - —
l.c.l., works.....100 lbs. 2.45 - —
monobasic, anhyd., bbls., c.l., 100 lbs. 7.45 - —
l.c.l. .....100 lbs. 8.20 - —
tribasic, bgs., c.l., works.. 100 lbs. 2.00 - —
l.c.l., works.....100 lbs. 2.40 - —
bbls., c.l., works...100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.60 - —
kgs., c.l., works....100 lbs. 2.70 - —
l.c.l., works.....100 lbs. 3.10 - —

Red—Sulphonmethane

Soda, picramate, kgs.....lb. .65 - —
Prussiate, yellow, bbls., works, lb. .09½- .10
Pyrophosphate, anhyd., bgs., c.l., frt. alld. E. of and incl. Denver—100 lbs. 5.10 - —
l.c.l., same basis...100 lbs. 6.10 - —
bbls., c.l., same basis.100 lbs. 5.30 - —
l.c.l., same basis..100 lbs. 6.30 - —
Ricinoleate, tech., bbls.....lb. .12 - —
Sal, bgs., dlvd., N. Y...100 lbs. 1.20 - —
works .....100 lbs. 1.00 - —
bbls., dlvd. N. Y.....100 lbs. 1.30 - —
works .....100 lbs. 1.10 - —
Salicylate, bxs. .....lb. .52 - —
Sesquisilicate, dms., c.l., works, 100 lbs. 3.00 - —
20 dms., and up, dlvd.N.Y.C. 100 lbs. 3.65 - —
5-19 dms .....100 lbs. 4.10 - —
1-4 dms. .....100 lbs. 4.30 - —
Silicate, 40° turbid., dms., c.l., works..100 lbs. .80 - —
l.c.l., 5 or more, works, 100 lbs. 1.05 - —
1-4, works.....100 lbs. 1.20 - —
52°, dms., c.l., works..100 lbs. 1.40 - —
l.c.l., 5 or more, works, 100 lbs. 1.65 - —
1-4, works.....100 lbs. 1.80 - —
Silicofluoride, dom., bbls.....lb. .04¾- .05
import, bbls.....lb. .04 - .04½
Stannate, dms.....lb. .31 - .34
Stearate, lump, powd., bbls., works..lb. .19 - .24
Sulphate, anhyd., bgs., bbls., c.l., works..100 lbs. 1.45 - 1.65
5 tons or over, works, 100 lbs. 1.70 - 1.90
less than 5 tons, works, 100 lbs. 1.93 - 2.15
cryst. (see Glauber's salt).
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.25 - —
l.c.l., 3 tons or over, dlvd., 100 lbs. 2.75 - —
less than 5 tons, dlvd., 100 lbs. 3.00 - —
solid, bbls., c.l., works.100 lbs. 3.00 - —
l.c.l., 5 tons or over, dlvd., 100 lbs. 3.50 - —
less than 5 tons, dlvd., 100 lbs. 3.75 - —
Sulphite, cryst., bgs., 100 lbs., works..lb. 2.10 - 2.35
bbls. .....100 lbs. 2.30 - 2.55
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l., 5 or more...100 lbs. 5.50 - —
1-4 .....100 lbs. 6.00 - —
Sulphocarbolate, cs.....lb. .27 - .28
Sulphocyanide, dms., cns....lb. .28 - .47
Sulphoricinoleate, bbls.....lb. .12 - —
Thiosulphate (see hyposulphite).
Tungstate, CF, kgs.....lb. 1.75 - 1.85
tech., kgs.....lb. 1.05 - 1.10
Solvent, high-flash, dms., works, frt., equald..gal. .31 - —
tanks, same basis.....gal. .26 - —
naphtha, solvent, dms., works, gal. .31 - —
tanks, E. of Omaha, frt., alld. gal. .26 - —
W. coast, f.o.b., Minnequa, Colo..gal. .26 - —
Sorbitol, com'l, solut., dms., c.l., works..lb. .15½- —
l.c.l. .....lb. .16 - —
Sparteine sulphate, cns.....oz. 1.00 - 1.05
Spearmint leaves, bls.....lb. .13 - .19
Spikenard root, bls.....lb. .12 - .13
Spruce extract, reg., bbls., c.l., works..lb. .01¾- —
tanks, works.....lb. .01¼- —
powd., super, bgs, c.l., works, lb. .04 - —
super, bbls., c.l., works.....lb. .01¾- —
tanks, works.....lb. .01¼- —
Squawvine leaves, bls.....lb. .11 - .12
Squill red, bls.....lb. .14 - .15
white, bls.....lb. .06 - .07
powd., bbls., bxs.....lb. .12 - .13
St. Ignatius beans, bgs.....lb. .45 - .50
St. John's bread, bls.....lb. .06½- .07
Starch, corn, pearl, bgs., f.o.b. Chicago..100 lbs. 2.50 - 2.70
dlvd., N. Y.....100 lbs. 2.85 - 3.05
powd., bgs., f.o.b. Chicago, 100 lbs. 2.60 - 2.80
dlvd., N. Y.....100 lbs. 2.95 - 3.15
Potato, dom., bgs.....lb. .04 - .05
import, bgs.....lb. .05 - .06
Rice, bbls.....lb. .06¼- .07¼
Wheat, thick boil, bbls.....lb. .06¼- —
Staveacre seed, bgs.....lb. .17 - .18
Stearin, oleo, bbls.....lb. .06¾- .07
Stillingia root, bls.....lb. .08 - .09
Stoneroot, bls.....lb. .07½- .08
Storax, cs. .....lb. .43 - .49
Stramonium leaves, bls.....lb. .13½- .14
Seed, bgs. .....lb. .09 - .10
Strontium bromide, fib, dms...lb. .57 - .58
kgs., 150 lbs.....lb. .55 - —
Carbonate, N.F., IV, 250-lb. bbls..lb. .30 - —
25-lb. bxs.....lb. .35 - —
100-lb. kgs.....lb. .32 - —
tech., 99-100 pc., precip., bbls., lb. .16½- .17½
Chloride, bbls. .....lb. .11 - .12½
Iodide, bots., 5 lbs.....lb. 2.90 - —
jars, 25 lbs.....lb. 2.85 - —
Nitrate, dom., bbls., c.l., works..lb. .07¾- —
25 bbls. and over.....lb. .08¼- —
1-24 bbls. and over.....lb. .08¾- —
Strophanthus seed, Kombe, bgs.lb. 1.05 - 1.10
Styralyl acetate, bots.....lb. 6.75 - 7.00
Strychnine, cryst., cns., 100-oz. lots..oz. .50 - —
powd., cns., 100-oz. lots..oz. .40 - —
Acetate, 25-oz. cns., 100-oz. lots..oz. .66 - —
Arsenate, 25-oz., cns., 100-oz. lots..oz. .68 - —
Arsenite, 25-oz. cns., 100-oz. lots..oz. .66 - —
Glycerophosphate, 25 - oz. cns., 100-oz. lots..oz. .67 - —
Hydrochloride, 25-oz. cns., 100-oz. lots..oz. .66 - —
Hypophosphite, 25-oz. cns., 100-oz. lots..oz. .77 - —
Nitrate, 25-oz. cns., 100-oz. lots..oz. .60 - —
Phosphate, 25-oz. cns., 100-oz. lots..oz. .67 - —
Sulphate, cryst., cns., 100-oz. lots..oz. .42 - —
powd., cns., 100-oz. lots, oz. .32 - —
Sucrose octa-acetate, denat. grade, bbls., l.c.l., works.lb. .45 - —
tech., bbls., l.c.l., works....lb. .40 - —
Sugar coloring, bbls.....gal. .70 - 1.10
Milk, bbls., c.l.....lb. .15 - —
l.c.l., 10 or over.....lb. .16 - —
less than 10.....lb. .17 - —
Sulfanilamide, 5 lb. bots.....lb. 1.65 - —
fib., dms., 1,000 lbs., 1 delivery, lb. 1.25 - —
100 lbs.....lb. 1.30 - —
Sulphonethylmethane, kgs.....lb. 6.75 - 6.80
Sulphonmethane, kgs.....lb. 5.25 - 5.30

Sulphur—Triethanolamine

Sulphur, crude, bulk, 1,000 tons, mines, contracts, long ton 16.00 - —
ex vessels, Atlantic seaboard..long ton 20.50 - —
Flowers, bgs., c.l., works....100 lbs. 3.00 - —
bbls., works.....100 lbs. 3.35 - —
l.c.l., bgs., works..100 lbs. 3.35 - 3.75
bbls., works.....100 lbs. 3.70 - 4.10
Refined, broken, bgs., c.l., works..100 lbs. 2.15 - —
bbls., works.....100 lbs. 2.30 - —
l.c.l., bgs., works....100 lbs. 2.50 - 2.90
bbls., works.....100 lbs. 2.65 - 3.05
flour, comm'l, bgs., c.l., works, 100 lbs. 1.60 - —
bbls., c.l., works..100 lbs. 1.95 - —
l.c.l., bgs., works..100 lbs. 1.95 - 2.35
bbls., works.....100 lbs. 2.30 - 2.70
extra fine, bgs., c.l., works, 100 lbs. 2.85 - —
bbls., works.....100 lbs. 3.20 - —
l.c.l., bgs., works.....lb. 3.20 - 3.60
bbls., works.....lb. 3.55 - 3.95
heavy, bgs., c.l., works, 100 lbs. 2.55 - —
bbls., works....100 lbs. 2.90 - —
l.c.l., bgs., works, 100 lbs. 2.90 - 3.30
bbls., works....100 lbs. 3.25 - 3.65
light, bgs., c.l., works, 100 lbs. 2.65 - —
bbls., works....100 lbs. 3.00 - —
l.c.l., bgs., works, 100 lbs. 3.00 - 3 40
bbls., works....100 lbs. 3.35 - 3.75
rock, virgin, bbls., c.l., works, 100 lbs. 2.15 - —
l.c.l., bbls., works.100 lbs. 2.50 - 2.90
Sulphur, refined, roll, bgs., c.l., works..100 lbs. 2.35 - —
bbls., works....100 lbs. 2.50 - —
l.c.l., bgs., works..100 lbs. 2.70 - 3.10
bbls., works....100 lbs. 2.85 - 3.25
Rubber maker's, com'l, 99½%, c.l., frt. alld...100 lbs. 2.00 - —
bbls., same basis, c.l. 100 lbs. 2.35 - —
refined, 100%, bgs., c.l., frt. alld..100 lbs. 2.35 - —
bbls., same basis.100 lbs. 2.70 - —
Chloride, 55-gal. dms., c.l....lb. .03 - —
l.c.l., dms., works....lb. .04 - —
10-gal. dms., c.l.....lb. .07 - —
l.c.l. .....lb. .08 - —
Dioxide, liq., com'l, cyls., works..lb. .07 - .09
multi-unit cars, works..lb. .04½- .07
tanks, works.....lb. .04 - .05
refrigeration, cyls., works.lb. .16 - .40
multi-unit cars, works..lb. .07½- .10
Iodide, bots., jars.....lb. 3.90 - —
Sumac, grd., Sicilian, bls....ton. 67.00 - —
leaf, bales.....ton. 73.00 - —
Extract, 42°, bbls.....lb. .05¼- .06¼
51°, bbls.....lb. .06½- .08½
stainless, bbls.....lb. .06½- .08½
Sunflower seed, Calif., large, bgs., lb. .06¾- .06¾
medium, bgs.....lb. .05 - .05½
poultry, bgs.....lb. .0400- .0430
Superphosphate, guaranteed, 16%, bulk, f.o.b. cars, boat, Balto. ton. 8.00 - —
run-of-pile, basis 16%, bulk, same basis..ton. 7.50 - —
triple, 40-48%, a.p.a. bulk, f.o.b. Balto..unit-ton. .70 - —

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Talc., dom., Calif., 1, bgs., c.l., mills..ton. 20.00 - —
2, bgs., c.l., mills.....ton. 17.00 - —
N.Y., fibrous, 98-94%, 325 mesh bgs., c.l., mills..ton. 14.00 - —
l.c.l., mills.....ton. 16.00 - —
96-98%, 325 mesh, bgs., c.l., mills..ton. 15.00 - —
l.c.l., mills.....ton. 17.00 - —
98-99½%, 325 mesh, bgs., c.l., mills..ton. 15.25 - —
l.c.l., mills.....ton. 17.25 - —
90.85-99.95%, 325 mesh, bgs., c.l., mills...ton. 17.00 - —
coarse, off color, bgs., c.l., mills..ton. 11.00 -13.00
Ohio, flake, type, grd., bgs., c.l., mills..ton. 21.00 - —
l.c.l., mills.....ton. 24.50 - —
Vermont, bgs., c.l., mills. ton. 14.00 - —
l.c.l., ex whse.....ton. 25.00 - —
Canad., bgs., c.l., mills....ton. 11.50 -13.00
French, high-grade, bgs., l.c.l., ex whse..ton. 45.00 -60.00
ordinary, bgs., c.l., ex dock, arrival..ton. 23.00 -25.00
l.c.l., ex whse.....ton. 27.50 -32.50
Italian, 1, bgs., ex dock, arrival. ton. 65.00 -67.00
ex whse.....ton. 85.00 - —
2, bgs., ex dock, arrival.ton. 60.00 -62.00
Tallow, animal, edible, bbls....lb. .06¾ Nom.
extra, loose, works.....lb. .05¾- —
special, loose, works..... .05¼- —
vegetable, ship., cs.....lb. .06½ Nom.
sulphonated, 35% (24% fat), dms., c.l..lb. .03¾- .04¾
l.c.l. .....lb. .04¾- .05¾
Tallow, sulphonated, 50% (43% fats), dms., c.l..lb. .05¾- .05¾
l.c.l. .....lb. .06¾- .06¾
50% (48% fat), dms., c.l...lb. .05¾- .06¾
l.c.l. .....lb. .06¾- .07¾
Tamarind, W. I., bbls.....lb. .05 - .05½
kegs .....keg. 5.00 - 5.25
Tankage, animal, com., grd., 10-12%, ammon., 15-20% b.p.l., bulk..unit-ton. 3.15 & .10
unground, 9-11% ammon., 15-20% b.p.l., bulk, unit-ton. 3.00 & .10
fertilizer grade, 10-11% ammon., 15% b.p.l., bulk, Chicago..unit-ton. 3.00 & .10
high-grade feeding, bulk, Chicago..unit-ton. 3.35 & .10
import, S. Amer., 10-12% ammon., 15% b.p.l., bulk, c.i.f., ports, ship..unit-ton. 3.10 & .10
Tansy leaves, bls.....lb. .18 - .19
Tapioca flour, bgs.....lb. .02 - .04
Tar acid oil, 15%, dms., c.l., works..gal. .21 - —
l.c.l., same basis.....gal. .24 - —
25%, dms., c.l., works.....gal. .25 - —
l.c.l., same basis.....gal. .28 - —
Tar, pine, retort, dms., c.l., divd. E. cities..gal. .26 - —
divd., ports.....gal. .25 - —
l.c.l. .....gal. .26 - —
tanks, divd. E. cities....gal. .20 - —
Tarragon herb, bgs.....lb. .30 - .31
Tartar emetic tech., fine gran., bbls., 5 or more..lb. .27¾- —
less than 5.....lb. .28 - —
powd., bbls., 5 or more..lb. .27¾- —
less than 5.....lb. .28 - —
USP, powd., bbls.....lb. .33 - .33½
Terebene, cans.....lb. .70 - .75
Terpinyl acetate, cns.....lb. .77 - .85
Terpin hydrate, kgs.....lb. .45 - .46
Terpineol, CP, cns.....lb. .25 - —
dms. .....lb. .23 - —
Terpineol, alpha, denat. grade, dms., c.l., wks., net wgt..lb. .17 - —
Terra alba (see Gypsum).
Tetrachloroethane, dms., works.lb. .08 - .08½
Tetrachloroethylene, CP, dms..lb. .21½- —
tech., dms. .....lb. .09¾- —
Tetralin, dms. .....lb. .12 - —
Tetrasodium pyrophosphate (see soda pyrophosphate).
Thallium sulphate, 90% pure, dms. works..lb. 7.25 - 7.50
Theobromine, cns. .....lb. 2.10 - 2.40
Sodiosalicylate, cns. .....lb. 1.75 - 1.85
5-lb. bots. .....lb. 2.01 - —
Thiocarbanilide, dms. .....lb. .24 - —
Thorium nitrate, cs., works...lb. 2.00 - —
Thyme, French, bls.....lb. .12 - .12½
Thymol, dms., 100 lbs.....lb. 1.40 - —
cns., 25 lbs.....lb. 1.45 - —
Iodide, kgs., 50 lbs.....lb. 3.25 - 3.30
25 lbs.....lb. 3.35 - 3.40
Timbo root, powd., 4% rotenone, bbls..lb. .18 - .26
5% rotenone, bbls.....lb. .22 - .30
Tin chloride (ous), anhyd.....lb. .44 - .44½
Crystals, bbls., kgs.....lb. .36 - .36½
Metal, Straits.....lb. .46¼- —
Oxide, bbls.....lb. .50 - .52
Tetrachloride, anhyd., bbls...lb. .23½- —
Titanium, dioxide, bgs., c.l. (20 tons), E. frt. alld..lb. .15 - —
Pac. cst., f.o.b. terminals, lb. .15 - —
l.c.l., 5 tons, E., divd....lb. .15¼- —
Pac. cst., ex whse....lb. .15¼- —
1,000-9,999 lbs., E. divd.lb. .15½- —
Pac. cst., ex whse....lb. .15½- —
50-999 lbs., E. divd.. lb. .15¾- —
Pac. cst., ex whse....lb. .15¾- —
under 50 lbs., E. divd..lb. .16 - —
Pac. cst., ex whse....lb. .16 - —
phthalate-treated, bgs., c.l., (20 tons), E. frt. alld.lb. .23 - —
Pac. cst., f.o.b. terminal..lb. .23 - —
l.c.l., 5 tons, E. divd...lb. .23¼- —
Pac. cst., ex whse..lb. .23¼- —
1,000-9,999 lbs., E. divd.lb. .23½- —
Pac. cst., ex whse....lb. .23½- —
50-999 lbs., E. divd.....lb. .23¾- —
Pac. cst., ex whse..lb. .23¾- —
under 50 lbs.....lb. .24 - —
bbls., c.l. (20 tons), E. frt. alld..lb. .23¼- —
l.c.l., 5 tons, E. divd...lb. .23½- —
1,000-9,999 lbs. E. divd.lb. .23¾- —
50-999 lbs., E. divd....lb. .24 - —
pigment, barium, calcium, or magnesium base, c.l., E. frt. alld.....lb. .05¾- —
Pac. cst., f.o.b. terminal. lb. .05¾- —
l.c.l., divd.....lb. .05¾- —
Pac. cst., ex whse..lb. .06¾- —
under 50 lbs., E. divd.lb. .06¾- —
bbls., c.l., E., frt. alld...lb. .05¾- —
l.c.l., E., divd.....lb. .06¼- —
Tolidin base, distilled, kgs....lb. .36 - —
Tolu, balsam, cns.....lb. .44 - .48
Toluidin, mixed, dms.....lb. .26 - —
Toluol (toluene), pure, dms., works..gal. .27 - —
tanks, E. of Omaha, frt. alld. gal. .22 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .22 - —
Nitration, dms., wks.....gal. .28½- —
tanks, E. of Omaha, frt. alld. gal. .23½- —
Tonga vine, NF, bls.....lb. .30 - .35
root, bls.....lb. .40 - .41
Tonka beans, Angostura, cks..lb. 2.40 - 2.50
Brazilian, cs. .....lb. 1.00 - 1.15
Surinam, cs. .....lb. 1.15 - 1.20
Triacetin, dms. .....lb. .26 - —
Triamyl borate, dms., l.c.l., works..lb. .27 - —
Triamylamine, dms., c.l., works, lb. .77 - —
l.c.l., works.....lb. .80 - —
Tributylamine, dms., c.l., works, lb. .67 - —
l.c.l. .....lb. .70 - —
Tributyl citrate, dms., l.c.l., divd..lb. .35 - —
Phosphate, dms., l.c.l., divd., lb. .42 - —
cns., works .....lb. .46 - .48
Tributylamine, dms., l.c.l., works lb. .70 - —
Trichloroethylene, dms., c.l., works, frt. alld. Zone A..lb. .09 - —
l.c.l., dms.....lb. .095 - —
Zone B, c.l.....lb. .105 - —
l.c.l., dms.....lb. .110 - —
Zone C, dms., l.c.l.....lb. .105 - —
Zone A is East of the Rockies; B takes in Rocky Mountain States, and Zone C represents Pacific Coast States.
Tricresyl phosphate, CP, cns., divd..lb. .40½- .51½
dms., c.l., divd.....lb. .34½- —
500 lbs., divd.....lb. .37½- —
tech., 1, dms., c.l. .....lb. .23 - —
500 lbs., dms.....lb. .23¼- —
less than 500 lbs., dms.lb. .26½- .37½
2, dms., c.l. .....lb. .22 - —
500 lbs., dms.....lb. .22½- —
less than 500 lbs.....lb. .25½- .36½
Triethanolamine, dms., c.l., works, lb. .21 - —
l.c.l., works.....lb. .22 - —
tanks, works..... lb. .20 - —

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WHITING : LIQUID CHLORINE : CARBON BISULPHIDE : NITRATE OF POTASH

Triethyl phosphate, dms., dlvd., lb. .45 - —
Triethyleneglycol, dms., l.c.l., works..lb. .26 - —
Trimethyl phosphate, cns.....lb. .54 - .56
dms., dlvd.....lb. .50 - —
Trimethylamine, dms., c.l., dlvd., lb. 1.00 - —
l.c.l., dlvd.....lb. 1.05 - —
Triphenyl phosphate, dms.....lb. .38 - —
Tripoli, air-floated, bgs., c.l., works..ton.26.00 - —
double-grd., bgs., c.l., works. ton.16.00 - —
once-grd., bgs., c.l., works..ton.14.50 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tungsten metal, powd., 99%, dms., wks..lb. 2.80 - 3.00
Oxide, CP, kgs.....lb. 2.65 - 2.75
tech., kgs.....lb. 1.85 - 1.95
Turmeric root, Alleppey, bgs..lb. .05½- .05¾
Madras, bgs.....lb. .06¼ Nom.
Turpentine, spirits, gum, bbls., c. l., ex dock..gal. .29½- —
l.c.l., 10, ex dock.....gal. .31½- —
5, ex dock.....gal. .33½- —
Turpentine, wood, dest., dist., dms., dlvd. E. cities, ports gal. .22 - .24
tanks, dlvd. E. cities....gal. .20 - —
steam-dist., dms., c.l., dlvd.gal. .27 - —
l.c.l., dlvd.....gal. .30 - —
tanks, dlvd.....gal. .22 - —

U

Unicorn root, false (see Helonias root). True (see Aletris root).
Uranium oxide, kgs.....lb. 1.75 - —
Urea, dom., 46 + % N. bgs., 5 tons, f.o.b. Atl. ports or Belle, W. Va..ton.95.00 - —
smaller lots, f.o.b. Belle, W. Va..ton.95.00 - —
f.o.b. N. Y.....ton.101.00 - —
import, 46% N. bgs., 5 tons, f.o.b. Atl., Gulf ports or Belle, W. Va., shipt.ton.95.00 - —
smaller lots, f.o.b. N. Y., from whse.101.00 - —
pure, cs.....lb. .14½- .15½
Urea-ammonia liquor 65% ammon., tanks, f.o.b. Belle, W. Va., or Atl., Gulf ports. NH_3 unit. No prices.
Uva ursi leaves, bls.....lb. .08¼- .08¾

V

Valerian root, bls.....lb. .10 - .12
Valonia, beards, bgs., shipt..ton.45.00 - —
Cups, bgs., shipt.....ton.30.00 - —
extract, powdered, 63%.....lb. .06 - —
Vanilla beans, Bourbon, tins..lb. 4.40 - 4.75
Mexican, tins.....lb. 4.75 - 5.25
cut, tins.....lb. 4.25 - 4.50
South American, tins.....lb. 4.00 - 4.25
Vanillin, ex eugenol, 25-lb. tins, lb. 2.20 - —
5-lb. tins.....lb. 2.30 - —
ex guaiacol, 25-lb. tins.....lb. 2.10 - —
5-lb. tins.....lb. 2.20 - —
1-lb. tins.....lb. 2.25 - —
ex lignin, 25-lb. tins.....lb. 2.10 - —
5-lb. tins.....lb. 2.20 - —
1-lb. tins.....lb. 2.25 - —
Venice turpentine, true, cs....lb. .42 - .44
Verdigris, bbls., kgs.....lb. .22 - .23
Vinyl acetate, cns., works....lb. .25 - —
dms., c.l., 30,000 lbs., gross works..lb. .14 - —
l.c.l., works.....lb. .15 - —
tanks, works.....lb. .13 - —
Violet, methyl, toner (see M).
V.M.P. naphtha (see petroleum naphtha, v.m.p.).

W

Wahoo root bark, bls.....lb. .40 - .41
Tree bark, bls.....lb. .22 - .25
Wattle bark, bgs., shipt.....ton.36.00 -38.00
Extract, bbls.....lb. .04¾- —
Wax, bayberry, import, bgs...lb. .16⅞- .17
Bees, white, bleach, slabs, cs., 500 lbs. .37 - .39
yellow, crude, Africa, bgs., lots of 10.....lb. .19 - .19½
1 bg.....lb. .19½- .20
Brazil, Chile, bgs., 5-10 tons, lb. .22 - .22½
1 ton.....lb. .22½- .23
500 lbs. .....lb. .24 - .24½
100 lbs.....lb. .23 - .23½
refd., slabs, cs., lbs.....lb. .32½- .33
Candelilla, bgs., 1 ton.....lb. .15¼- .15¾
jobbing lots.....lb. .15¾- .16¼
Carnauba, No. 3, chalky, bgs., 1 ton..lb. .29 - .30
⅔ bgs.....lb. .29½- .30½
1 bg.....lb. .30 - .31
N. C. 2, bgs.....lb. .34 - .35
N. C. 3, bgs., 1 ton.....lb. .30 - .31
5 bgs.....lb. .30½- .31½
1 bg.....lb. .31 - .32
refined, bgs.....lb. .35 - .36
yellow, No. 1, bgs., 1 ton...lb. .39 - .40
5 bgs.....lb. .39½- .40½
1 bg.....lb. .40 - .41
No. 2, bgs.....lb. .38 - .39
Ceresin, dom., 138°-140° m.p., bgs., 1 ton..lb. .08¼- —
jobbing lots.....lb. .09¼- —
150°-160° m.p., bgs., 1 ton.lb. .09¼- —
jobbing lots.....lb. .10½- —
160° m.p., bgs., 1 ton.....lb. .10½- —
jobbing lots.....lb. .11½- —
Japan, cs.....lb. .09¾- .10
Montan, bgs., c.l.....lb. .11 - —
5 tons.....lb. .11⅛- .11⅜
less than 1 ton.....lb. .11⅛- .11⅜
Ozokerite, hard, green, congeal, p. 66°-68° C., bgs..lb. .62 Nom.
70°-72° C., bgs.....lb. .35 Nom.
74°-76° C., bgs.....lb. .38 Nom.
snow-white, pure 76°-78° C., bgs..lb. .45 - .46
yellow, natural, 76°-78° C., bgs..lb. .35 - .36
Paraffin (see P).
Spermaceti, blocks, cs.....lb. .22 - .23
cakes, cs.....lb. .23 - .24
White lead (see Lead, white).
White pine bark, rossed, bls...lb. .06 - .06⅛
White precipitate, powd., 5-lb. bots..lb. 1.69 - —
dms., 50 lbs., or more...lb. 1.50 - —
Whiting, chalk, com'l., dry-grd., blp. bgs., c.l., works..ton.12.00 - —
l.c.l., works.....ton.14.00 - —
bbls., c.l., works.....ton.15.00 -16.50
l.c.l., works.....ton.17.00 - —
pap. bgs., c.l., works..ton.11.20 -13.50
l.c.l., works.....ton.13.20 -14.50
wet-grnd., blp., bgs., c.l., works..ton.14.50 -15.00
l.c.l., works.....ton.15.00 -19.00
bbls., c.l., works.....ton.17.00 -18.00
Whiting, chalk, gilder's bolted, blp., bgs., c.l., works. ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -19.50
l.c.l., works.....ton.19.00 -20.00
pap. bgs., c.l., works..ton.14.00 -15.50
l.c.l., works.....ton.15.60 -16.50
extra bolted, blp., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -22.50
l.c.l., works.....ton.19.00 -22.00
pap. bgs., c.l., works..ton.14.60 -17.50
l.c.l., works.....ton.15.60- 18.50
Paris white, blp., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.60 -24.00
l.c.l., works.....ton.19.00 -25.00
pap. bgs., c.l., works..ton.14.60 -20.00
l.c.l., works.....ton.15.60 -21.50
English cliffstone (see Whiting, chalk, Paris white).
Limestone, air floated, 99.75%, 250 mesh, paper bgs., c.l..ton. 9.35 - —
99.75% 200 mesh, paper bgs., c.l., same basis.ton. 8.60 - —
90% 200 mesh, paper bgs., c.l., same basis.....ton. 6.25 - —
gilders, bgs. (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
Whiting, limestone, gilders, extra, bgs., (extra), c.l., works. ton.12.50 - —
l.c.l., 8-20 tons, works, ton.13.50 - —
4-8 tons, works....ton.14.50 - —
2-4 tons works....ton.15.50 - —
putty grade, bgs. (extra), c.l., works..ton.11.00 - —
l.c.l., 8-20 tons, works.ton.12.00 - —
4-8 tons, works.....ton.13.00 - —
2-4 tons, works.....ton.14.00 - —
water-floated, bgs., ..extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
Precipitated, bgs., c.l., works. ton.15.00 - —
l.c.l., 5 tons, works....ton.20.00 - —
smaller lots, works....ton.25.00 - —
Wild cherry bark, thick, natural, bls..lb. .04¼- .06
rossed, bls.....lb. .06 - .07
thin, natural, bls.....lb. .06 - .07
rossed, green, bls.....lb. .09 - .10
Wild indigo root, bgs.....lb. .09 - .10
Witch-hazel extract, dist., NF. bbls..gal. .40 - .45
Leaves, bls.....lb. .07 - .09
Witherite (see Barium carbonate, natural).
Woodflour, dom., fine, bgs., extra, c.l., works..ton.25.00 - —
standard, bgs., c.l., works.. ton.20.00 - —
import, 70 mesh, bgs., ex dock, ton.22.00 - —
80 mesh, bgs., ex dock....ton.24.50 - —
100 mesh, bgs., ex dock...ton.27.50 - —
120 mesh, bgs., ex dock...ton.30.00 - —
Wormseed, American, bgs.....lb. .10 - .11
Levant, bgs.....lb. 5.70 - 5.75
Wormwood, bls.....lb. .09 - .10

Triethyl Phos.—Yellow, Ocher

X

Xylol (xylene), indus., dms., works..gal. .31 - —
tanks, E. of Omaha, frt. alld., gal. .28 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .26 - —
nitration, dms., wks.....gal. .42 - —
tanks, E. of Omaha, frt. alld., gal. .33 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .33 - —
8°, dms., works.....gal. .37 - —
tanks, E. of Omaha, frt., alld., gal. .33 - —
10°, dms., works.....gal. .34 - —
tanks, E. of Omaha, frt. alld., gal. .30 - —
Xylidin, mixed, dms.....lb. .35 - .36

Y

Yara yara, cryst., cns.....lb. 1.25 - 1.50
Yellow, cadmium, CP, import., bxs..lb. 1.35 - 1.75
lithopone, all shades, bbls. 1 ton, works, frt. alld.lb. .45 - —
smaller lots, same basis, lb. .50 - —
kgs., ton lots, same basis, lb. .50 - —
smaller lots, same basis, lb. .55 - —
sulphide, orange, bbls., works, lb. .80 - —
Chrome, CP, bbls., dlvd. N. of Tenn. and N. C., E. of Miss., R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts....lb. .14½- —
open order .....lb. .15½- —
Chrome yellow CP prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex., (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Dutch, pink, bbls.....lb. .09 - .11
Hansa, bbls., same basis, chrome..lb. 1.37 - —
primrose shade, bbls., same basis, chrome..lb. 1.75 - —
Mercury oxide (see M).
Ocher, Amer., golden, A, bbls., works..lb. .06½- —
B, bbls., works.....lb. .04½- —
C, bbls., works.....lb. .03½- —
yellow, A, bbls., works...lb. .02¾- —
B, bbls., works.....lb. .02¼- —
C, bbls., works.....lb. .02 - —
D, bbls., works.....lb. .0195- —
E, bbls., works.....lb. .01775- —
F, bbls., works.....lb. .01½- —
G, bbls., works.....lb. .01¼- —
H, bbls., works.....lb. .01¾- —

—Continued on page 38

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Oil, Paint and Drug Reporter

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Business Must Act

Washington observers foresee a new technic in the relations of the President and the Congress shortly to come into session. They feel that the President will refrain from the exerting of pressure for the enactment of specific legislation, and they see in this an expectation that Congress will "get nowhere fast," with the result that popular sentiment will return to appreciation of the need for strong, forceful executive leadership. The processes of Congress being what they are, there is more than wishful thinking behind such an expectation.

If this be the technic of relations between the governmental divisions, business will be afforded an excellent opportunity to do its part in the construction of national policies, the formulation of Federal legislation, and the moulding of public opinion. Business will have an opportunity to counsel Congress and to guide it—but this must be intelligently used. If the recent declarations of the National Association of Manufacturers are a criterion of the attitude of business—and there is no reason to doubt that they are—business is ready to recognize its opportunity and to endeavor to make proper use of it.

There remains the important task of becoming fully prepared with tangible assistance for Congress. This comprises primarily the preparation of actual legislative bills directed to purposes that need but little presentation. There is a tax job to do, for one thing. The labor relations law needs specific emendment in order that management and the other elements of business may effectively collaborate in the promotion of "class" goodwill, industrial harmony, employment security, and general prosperity. These are things which business, not government, should promote.

Government spending is fast waning in funded potency as a supporter of business activity. Further appropriations are not likely to be sought until it has become plain that business cannot support itself. If business fails to exert to the utmost efforts to demonstrate that, given fair opportunity, it can be self-sustaining, the next application of a governmental remedy for the debility probably will be more than obnoxious; it may be noxious.

Say It with Service

Evidence is continuously being adduced that business is coming to a more appropriate and encouraging understanding of its economic role. In this understanding of the significance of the profit system, emphasis is being laid more and more on the system and less on profits alone. The light is dawning that the foundation of the system is not pecuniary selfishness, but public service.

A fine contribution to the support of those who have faith in the intelligence, as well as the ability, of business was made recently by a district chairman of the National Fertilizer Association. This business man saw that pecuniary selfishness, although it might be immediately more profitable, could not offer the fertilizer industry the lasting benefits that would accrue from improved public service. Commenting on the wisdom of furthering the development of the use of higher and more appropriate grades of fertilizer, he said:—

> It will take patience, persistence, and respect for each other's problems in territories where custom and practice are most deeply embedded. In some instances it will doubtless require some good manners. A competitor may succeed in selling your customer a new analysis, one that's good for the customer. Don't let your salesman come along and take him out of the recommended grade into some other grade just to sell some fertilizer.

There is a sermon for all business in that comment, counsel in competition which, if universally applied, will make business profitable—and popular. That business man has stated a profound principle of public relations; for these, to be permanently beneficial, must be built upon satisfactory service which is tangible for the consumer. The good that business does in a general way cannot adequately be comprehended by the man in the street, the man with a hoe, or the woman with a market-basket, in the significance of its application to him or her. But, the buyer who gets what he expects—or a little more—in satisfaction and value—he knows that business serves him well, and he will reciprocate.

—O-P-D—

Drug Law Modeling

It is encouraging to know that State food and drug officials are manifesting a cooperative attitude toward the efforts of the food, drug, and cosmetic industries to secure harmony and coordination between the new Federal act and such legislation as will be undertaken in the several States similarly to modernize their laws. These efforts also go to the purpose of having the laws of the several States uniform among themselves, which is highly desirable and necessary for obvious reasons not inimical to the public welfare.

The national association of food and drug officials has prepared a model for a State food, drug, and cosmetic act. This has been done with the purpose of securing uniformity among the laws of the several States. But, the model disregards in an astounding degree the greater desirability and necessity of having State laws in harmony with the Federal act. Quite naturally this departure from the Federal act has aroused opposition among the food, drug, and cosmetic industries and has resulted in criticism—evidently constructive—of the officials' draft.

Circumstances which are inherently possible in the set-ups of organizations representing the food, drug, and cosmetic industries prevented these three from joining in the recognizedly necessary task of drafting a model for State laws complementary to the new Federal act. The various divisions of the drug industry cooperatively prepared a draft of drug and cosmetic provisions; a draft of food provisions was separately prepared. The two have not yet been consolidated, and at least these two of the three industries affected are dissatisfied with the bill drafted by the officials. Representatives of these two industries are working with representatives of the food and drug officials in an endeavor to eliminate the causes of the dissatisfaction.

Harmony must come out of this cooperation. The alternatives are too threatening of disaster, to public as well as industrial welfare, to be permitted to come into even formative existence. The distribution of foods, drugs, and cosmetics is a national enterprise. That is why a national law is primarily necessary, and it is more emphatically the reason why State laws of similar purpose should be harmoniously worded and coordinatively directed.

The Federal act is the best and the only practicable model from which State laws can be constructed. State officials, least of all, need to be told this.

—O-P-D—

Wishing You
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In 1939

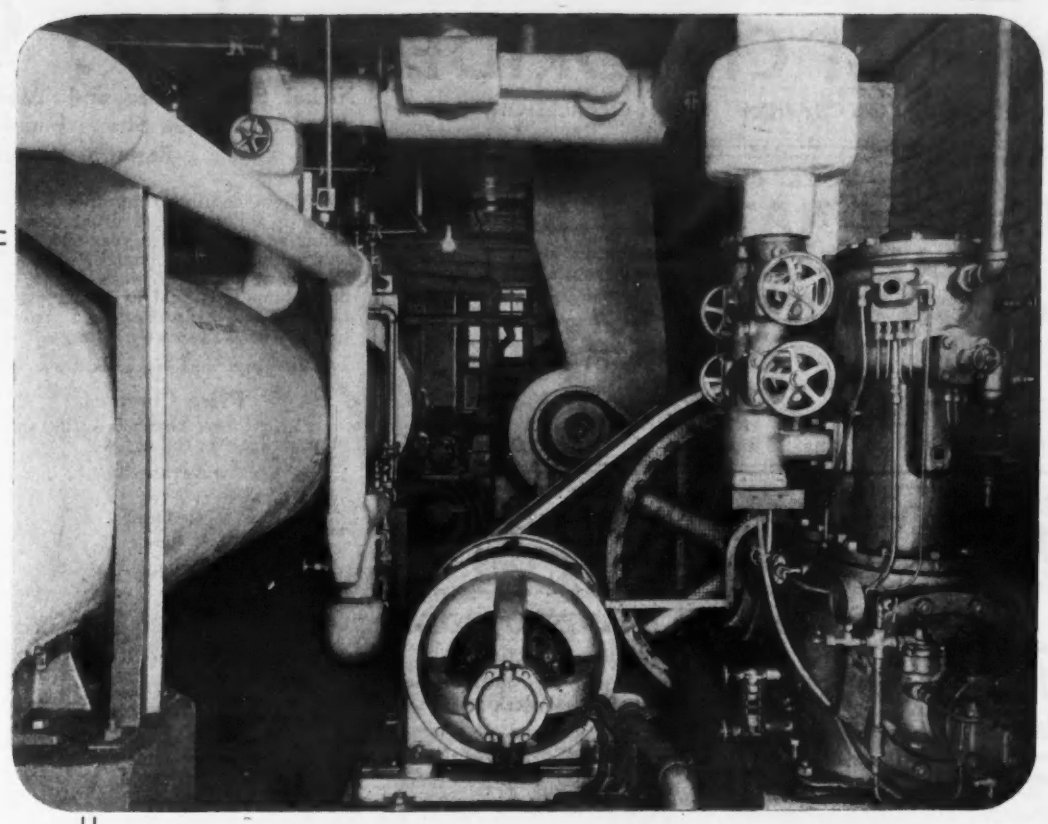
Oil, Paint and Drug Reporter

Medicine Indicted

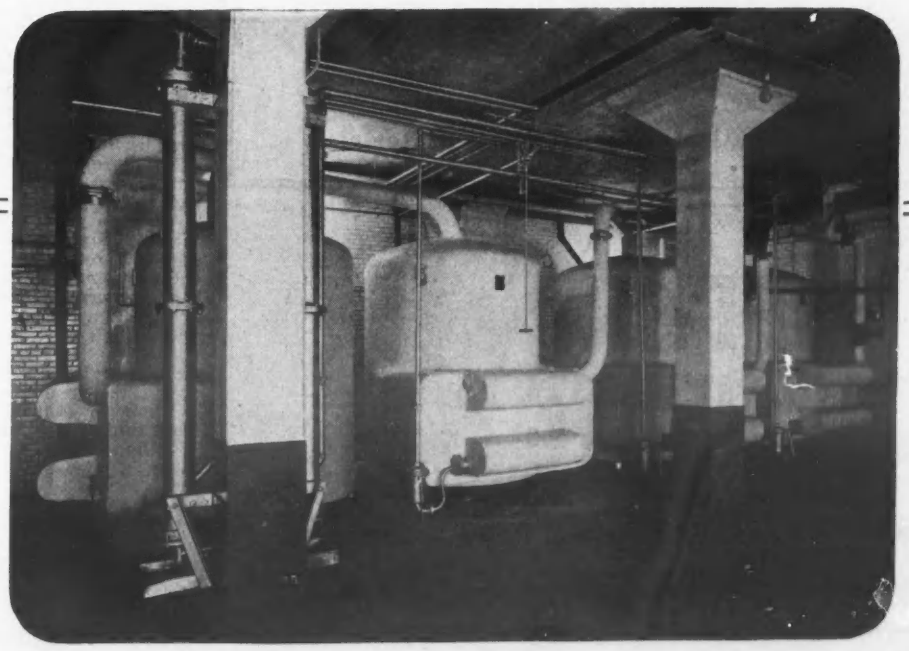
Indictment of the American Medical Association with certain affiliated societies and a number of individual officials and members under the antitrust laws holds a variety of interest for the drug industry and for the closely related divisions of the chemical industry. In fact, this indictment has an economic significance that cannot lightly be disregarded by any business group. This is so, not so much because it involves application of the antitrust laws as because of its comprehension of modern trends in distribution, whether this be of services or of goods.

The drug industry is not favorably inclined toward the cooperative providing of medical care in its present stage bordering on and tending to socialization. The drug industry, from manufacturer to pharmacist, has an important role in the providing of medical service. At the present time there are appearances that this role may be substantially reduced. This applies also with respect to the medical profession as it now functions. In neither case would this be true if the inadequacies of the service provided had been recognized and remedied before this fell into other hands.

Organized medicine has been autocratic, and the weight of its attitude has fallen most heavily upon the individual practitioner. To an unwarranted extent this attitude has been also a handicap to the drug industry and the practice of pharmacy. The termination of medical autocracy would be widely beneficial—especially to medicine.



Cream Tartar
Tartaric Acid
Rochelle Salt
Tartar Emetic



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Heavy Chemicals

Nickel Salts, Gallic and Tannic Acid Prices Renewed—Volume Of Business Shows Usual Year-End Recession—Contract Renewal Work Proceeding Steadily

Business continued to give tangible signs of following the usual trend of easing as the time for year-end inventory taking was at hand. Withdrawals in several instances were steady, but the volume was held to minimum proportions, and this was expected to carry through until the turn of the year. Optimism for favorable business during the first quarter was warranted in view of the less than seasonal leveling off of basic consuming industries operations. Also inventories were below normal in practically all major lines.

Contract renewal work, while slow in some instances, was going forward steadily. Chemicals to be carried into the early part of next year were ammonia aldehyde, barium salts, cobalt salts, magnesia chloride, manganese salts, with the exception of manganese dioxide, nickel salts, gallic, pyrogallic and tannic acids.

Metals and their derivatives were unchanged. Cyanides moved steady for the account of the automotive trade. Alkalies experienced some year-end leveling off. Alums were in moderate demand. Commercial demand for blue vitriol was well sustained. Calcium chloride was marking time, with weather developments awaited. Potash salts were moderately taken by major consuming interests. Shipments of saltcake were satisfactory, and the statistical position remained adequate to cope with the demand. Most mineral acids experienced some tapering off in demand. Agricultural insecticides and fungicides remained quiet, with preliminary preparations for next year well under way.

Alums.—Demand from the paper trade and for water treating purposes continued to supply the bulk of the interest in the market for various alums, with alumina sulphate, commercial and iron-free, ammonia and potash alums enjoying the best movement. There was some leveling off in volume at this time. Prices were well maintained in all instances, and contract renewal work was well under way.

Ammonia Aldehyde.—Interest from the rubber trade has been fairly well sustained recently. Prices were firm, and quotations will be carried into next year at current levels.

Ammonia, Anhydrous.—While current withdrawals were rather limited at this particular time, sellers were concentrating on booking contracts for next year at the same levels as now in force.

Ammonia, Aqua.—Contract renewal work continued to occupy the attention of sellers last week. Withdrawals were fairly steady for necessary requirements.

Ammoniac, Sal.—Shipments of the white and gray material were of a moderate character in most directions, with the call coming chiefly from the textile, metallurgical and dry battery trade. Work was proceeding at a satisfactory pace in next year's contracts.

Antimony.—Quotation for domestic spot antimony was unchanged at 11¼c. per pound. There was some business in the early part of the week at the lower level established recently, but later in the week business was quiet. Antimony oxide and needle powder failed to show any price fluctuation, and business remained dull.

Arsenic.—There was some interest displayed in the market for the white arsenic, with the ceramic and insecticide manufacturers supplying the demand. Withdrawals of red arsenic were for modest quantities. A steady to firm price tone remained in evidence.

Barium Salts.—Prices for various barium derivatives were firm, and prices will be carried into next year in barium carbonate, chlorate, dioxide, fluoride, fluosilicate, hydroxide, nitrate and oxide. Quotations for barium chloride were already announced as unchanged.

Bleaching Powder.—Quotations were unaltered in the market last week, and sellers were proceeding to renew contracts at the same levels. Usual consumers were supplying a steady interest in the market for nearby requirements.

Blue Vitriol.—A steady to firm price tone continued to prevail in this direction. While demand was quiet in some directions, other consumers continued to provide a good call for commercial purposes and for water treating. Export demand was well sustained.

Calcium Carbide.—Commitments were confined to routine proportions in the majority of instances last week. Nothing new developed pricewise. A large Italian company will shortly erect a factory for the production of calcium carbide in the industrial zone of Carrara, which is sponsored by the Italian government. It is said that the plant will cost 20,000,000 lire and when completed will employ about 1,000 workmen.

Calcium Chloride.—A fair interest was uncovered in some directions where inclement weather has played a dominant part in ice control work, but on the whole business continued to mark time. Price schedules were well maintained.

Carbon Bisulphide.—Usual consumers were making moderate withdrawals for solvent purposes. Sellers were engaged in renewing contracts at current levels. A large Swedish company has decided to erect a plant for the production of carbon bisulphide, which is now being used to a large extent in the manufacture of artificial fibres. The Swedish consumption is estimated at 1,200 metric tons, but the plant is expected to have a capacity of about 2,500 metric tons a year, the balance above Swedish consumption to be exported. The Swedish company has acquired the exclusive right to certain German patents. The construction of the plant will commence immediately and operations are expected to start early in 1939, according to the American commercial attache at Stockholm.

Carbon Tetrachloride.—Effective after the first of the year, a new schedule of prices in drums on carbon tetrachloride will be issued. The new schedule comprices a revised unit base for prices quoted, these being per gallon or per drum, instead of per pound as heretofore. It also sets up a four-zone system for the freight allowed prices quoted. The new unit base will leave prices at approximately the same level as on the old basis.

Cobalt Salts.—Prices for cobalt acetate, carbonate, chloride, hydrate, oxide and sulphate were firm, and current quotations will be carried into next year. Withdrawals were limited to nearby needs in practically all instances.

Copper.—There was little feature to domestic copper dealings last week, and major consumers were content to hold withdrawals to necessary quantities at this time. Price was unchanged at 11¼c. per pound. There was still much talk of some leading domestic producers curtailing production after the turn of the year. The foreign market was only moderately active, and quotation held around the 10.35c. per pound level. Restrictions will be put into effect after January 1 by members of the cartel.

Copper Salts.—A steady price tone prevailed in the market for various copper derivatives, reflecting to a large

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

None

Comparative Values

Index numbers compiled from twenty-five typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
147.2	147.2	147.2	154.5

Index numbers compiled from twelve typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
99.6	99.6	99.6	99.6

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

degree the relative stability in the basic metal market. Commitments were generally confined to modest quantities.

Glauber's Salt.—The call from the textile trade and other large consumers was maintained at comparatively steady levels in most instances. Contract renewal work was proceeding at a good pace in most directions.

Lead Acetate.—Commitments were of a routine character in the market throughout the past week. Prices were without alteration, and contract work for next year was well underway.

Magnesium Chloride.—A steady to firm price tone prevailed in the market, and prices will remain unchanged into the early part of next year. Current withdrawals were for nearby requirements only.

Manganese Salts.—Trade was awaiting release of next year's price schedule for manganese dioxide; quotations for the acetate, carbonate, chloride, hydrate and sulphate were unchanged and probably will remain firm into next year.

Nickel Salts.—Quotations for nickel salts were carried into the early part of 1939 at the same levels. A steady interest for moderate quantities continued to prevail. Prices for the carbonate, chloride and oxide were firm and will be carried into next year at present levels.

Potash Carbonate.—The textile, soap and glass trade provided the principal interest in this direction for necessary requirements. Contract renewal work was well under way, with good progress reported.

Potash, Caustic.—Leading consumers were making withdrawals for nearby needs in the majority of instances last week. Prices were well maintained. The steady growth in domestic production of caustic potash has been accompanied by a downward trend in imports of foreign supplies. Production during 1937 totaled 10,822 short tons, and imports amounted to 1,137 short tons, compared with imports of 1,546 short tons in the preceding year.

Potash, Cyanide.—Business for the account of the electroplating trade was well sustained last week. A steady to firm price tone continued to govern the dealings.

Saltcake.—Shipments for the account of the paper and glass trade were moderately active. The market was in a satisfactory position from a statistical standpoint, with domestic and imported material adequate to cope with the demand. Prices ruled unchanged. Chile occupied a more prominent position in the decreased imports of salt cake into the United States during the first nine months of 1938. Imports during the first three quarters aggregated 106,170 short tons, of which 77,409 tons came from Germany; 19,291 tons from Chile; 3,474 tons from the Netherlands, and 5,998 tons from Canada. This compared with a total of 220,176 short tons for the same period last year, of which 132,533 tons came from Germany; 17,121 tons from Chile; 6,780 tons from Belgium; 5,945 tons from the Netherlands and 7,797 tons from Canada.

Soda Ash.—Some caution was displayed in making commitments as the year end approached. However, most basic consuming interests supplied a steady call for necessary quantities. Contract renewal work was proceeding at a good pace in most directions. The domestic manufacture of alkali would be of great importance to Sweden, according to the National Committee for Economic Defense, which has just recommended a proposal to this effect. The proposal, however, still in the study stage and its fate is uncertain. Receipts of soda ash in 1936 totaled 31,815 tons, according to the American commercial attache at Stockholm.

Soda, Caustic.—Basic consuming industries were making only necessary withdrawals at this time. Sellers were concentrating on contract renewals for next year. A Canadian company contemplates expenditure of one million dollars in plant development, with the objective of manufacturing caustic soda and sulphuric acid. The company has heretofore produced commercial sodium sulphate from natural deposits, according to the American consulate at Regina.

Soda Cyanide.—The call from the automotive industry was well sustained throughout the past week. Contract work was well along, and returns have been coming in at a satisfactory pace to date.

Soda Nitrite.—The textile trade provided a moderate call, while other consumers were displaying a fair interest in the market. Prices were well maintained, and booking contracts were proceeding at a good pace.

Soda Silicate.—The paper box industry, textile and other consumers displayed an active interest in the market for necessary requirements. A steady to firm price tone remained in evidence. Production of soda silicate in Argentina has made a considerable advance during 1938, and is expanding in such a manner that the country will probably be self sufficient within a year or two. The imports into Argentina for the past four years have originated chiefly in the United Kingdom. Imports during 1937 aggregated 4,225 metric tons, compared with 3,981 metric tons in the preceding year, according to the American commercial attache at Buenos Aires.

Sulphur, Refined. — Contract solicitations for next year were proceeding at a good level in practically all directions. Current business from the many consuming channels was held to nearby requirements at this time.

Tin Salts.—Quotations for various tin derivatives remained steady and unchanged, reflecting the stability in the Straits metal market. Tin crystals were quoted at 36c. to 36½c. per pound; anhydrous tetrachloride, 23½c. per pound and anhydrous stannous chloride of tin 44c. to 44½c. per pound.

Zinc Sulphate.—Dealings in the market were usually confined to nearby requirements. However, a satisfactory response was uncovered for next year's contract renewals at current levels.

Acids

Some leveling off in the demand was discernible in the market for most mineral acids last week. The usual year-end inventory period for many consumers tended to keep commitments moderated to take care of nearby production requirements. There were no developments of importance pricewise; quotations for gallic, pyrogallic and tannic acids remained firm, and will be carried into the early part of next year at present levels. Contract work in other mineral acids was showing satisfactory progress to date.

Acetic.—Some leveling off from the recently improved levels was discernible in the market as the year end approached. Pricewise the market noted no alteration, and contract work was going ahead for next year.

Chromic.—The call from the plating trade and other consumers was maintained at steady levels in most directions. Prices ruled firm, and booking contracts for next year continued to occupy the attention of sellers.

Formic.—Transactions in the market were limited to urgent requirements last week. Prices were unchanged, and contract work was well under way.

Gallic. — Quotations for gallic and pyrogallic acid were carried into the early part of 1939 at present levels.

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

Business was along routine lines for the most part.

Muriatic.—A moderate call was experienced in the market for nearby requirements. Prices ruled unchanged.

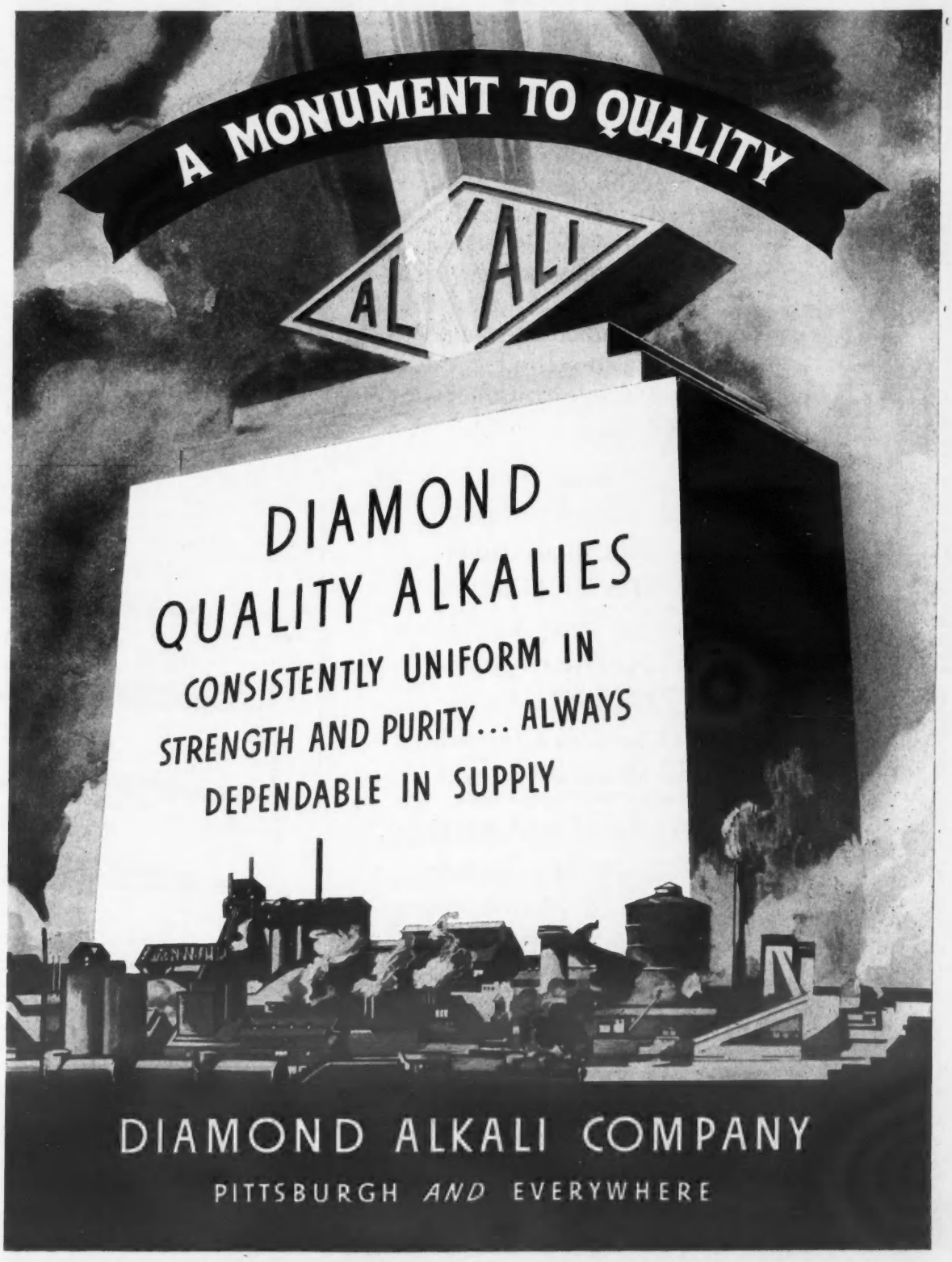
Nitric.—Interest in the market was well maintained in some large consuming channels. A steady to firm price tone predominated.

Oxalic.—While the call was usually made up of moderate-size quantities, a well diversified consuming interest continued to prevail. Sellers report good progress in signing contracts for next year at current levels.

Tannic.—Quotations were firm, and will be carried into the early part of next year at present levels. Consumers were placing orders for nearby needs only.

Sulphuric.—There was little disposition on the part of consumers to place orders beyond nearby needs at this time of the year. There has been a slight leveling off in operations of some basic manufacturing consumers, but expectations were that business would assume a more active pace after the turn of the year. Prices remain steady, and contract renewals for next year continue to make their appearance in satisfactory volume.

BALTIMORE, Dec. 21.—While in a way the situation with respect to sulphuric acid is characterized by quiet and a continuation of the state of affairs that has prevailed for some time, the last fortnight or more has brought much placing



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of orders by users of acid to cover requirements for the next year, in keeping with the practice of making such arrangements during the current month. This tended to keep the producers busier than they would have been otherwise, and has brought a repetition of developments peculiar to the present period. These new contracts, according to reports, were negotiated about at the figures which have been quoted. The nominal figures stand at $12 per ton for 60-degree and at $15 per ton for 66-degree acid. Oleum also is unchanged at $17 per ton for 20 percent supplies.

Insecticides

The market for agricultural insecticides and fungicides remained quiet and featureless last week. With the season approaching for active consumption, many sellers were commencing to make preliminary preparation for the Spring season. There was some interest displayed in the export market, but domestic withdrawals were negligible at this time. Pricewise nothing new developed, and quotations were maintained at levels in force previously.

Germany was formerly an important market for imported nicotine sulphate; the United States export statistics for 1930 showed shipments of almost $50,000 worth of the American product. However, in the past seven years the total volume of trade has averaged only $3,000 annually. Great efforts have been made to achieve self-sufficiency in nicotine supply in Germany through the cultivation of tobacco plants rich in nicotine. Cultivation has been especially expanded in West Prussia where the cultivated area was increased from four acres in 1934 to 150 acres in 1936, and more especially in East Prussia in the vicinity of Marienwerder. Nicotine plants are reported to have been established in both West and East Prussia and manufacturers are reported to be stimulating tobacco cultivation by contract in advance with farmers, offering premiums for tobacco with high nicotine content, according to the American consulate at Frankfort-on-Main.

Calcium Arsenate.—Normal seasonal dullness continued to prevail in the market last week. Prices remain at the levels previously in force.

Lime Sulphur Solution.—A steady to firm price tone continued in evidence, while transactions were negligible for this time. Preparations for next year, however, were already underway.

Nicotine Sulphate.—Developments of importance were lacking in this direction throughout the past week. Pricewise the market noted no alteration.

Pulp Makers Recorded Improvement in 1937

Manufacturers of pulp reported the number of wage earners employed in 1937 was 26,994, an increase of 14.3 percent over the 23,627 reported for 1935, and wages paid in the industry increased 43.5 percent, from $23,401,212 for 1935 to $33,570,346 for 1937. The total value of all products made in the industry in 1937, $247,191,957, exceeded the 1935 figure, $167,208,261, by 47.8 percent, according to preliminary figures compiled from returns of the recent Biennial Census of Manufactures, released by the Bureau of the Census. Cost of materials totaled $153,651,946, against $96,176,352 in 1935. Number of reporting establishments totaled 194 in 1937, against 188 in 1935.

Summary for Industry

	Tons 1937.	Tons 1935.
Pulp (wood and other fiber)	6,757,842	5,032,299
Products other than pulp (not normally belonging to the industry).	.....	.....
Wood pulp, total	6,617,184	4,925,669
Mechanical, total	1,609,667	1,355,819
Not steamed	1,513,047	1,205,199
Steamed	87,620	150,620
Sulphite, total	2,162,771	1,579,567
Unbleached	814,102	634,947
Bleached, total	1,348,669	944,620
Superpurified and rayon and special chemical grades*	353,640	189,536
Other bleached	995,029	755,084
Sulphate, total	2,160,826	1,467,749
Unbleached	1,945,676	1,340,288
Bleached	215,150	127,461
Soda, unbleached and bleached, total	507,548	†485,162
Semi-chemical and other wood pulp, total	132,521	
Screenings, total	52,851	37,372
Mechanical	9,674	3,902
Chemical	43,177	33,470
Other pulp‡	140,658	106,630

* Combined to avoid disclosing data for individual establishments for 1937. The production of superpurified pulp in 1935 was reported as 63,066 tons, valued at $4,817,774.

† Soda and semi-chemical pulp only. Combined to avoid disclosing production reported by an individual establishment.

‡ Cottonseed-hull-fiber pulp, cotton-linter pulp, rag pulp, and reclaimed paper and straw pulp.

Chemical Workers Show Decrease

—Continued from page 5

Employment in New York

Employment in factories producing chemicals and related products in New York State decreased 0.2 percent from October 15 to January 15, and decreased 0.9 percent in the city, according to the records of the State Department of Labor.

General factory employment decreased 1.1 percent from October 15 to January 15, and payroll decreased 3.3 percent during the same period. The department's index of employment for November was 79.9 percent. The payroll index was 72.5 percent. These indexes are based on the average years 1925-27 as 100.

November Compared with October

	Percentages State.	Percentages City.
Drugs and industrial chemicals	—0.6	+0.1
Oil products	—0.6	—2.6
Paints and colors	+0.6	+0.6
Photographic and miscellaneous chemicals	No change	+12.0

Insecticide and Fungicide Law Model Drafted

—Continued from page 3

deliver, distribute, sell, expose or offer for sale, either at wholesale or retail within this State:

(a) Any insecticide or fungicide unless the same shall be enclosed in the registrant's original unbroken container or package to which is affixed a label bearing:—(1) the name and address of the manufacturer, registrant, or person for whom manufactured; (2) the name, brand, or trademark under which said article is sold; (3) its professed standard of quality, and (4) the net weight or measure of the contents.

(b) Any insecticide or fungicide which contains arsenic, any of its combinations, or any other substance or substances highly toxic to man, unless the same shall be enclosed in the original unbroken container of the manufacturer, registrant, or person for whom manufactured, to which is affixed a label bearing in addition to the foregoing:—(5) the skull and crossbones; (6) the word "poison" in red on a background of distinctly contrasting color, and, (7) an antidote therefor.

(c) Any insecticide or fungicide, the contents of which do not conform to its professed standard of quality.

(d) Any insecticide or fungicide or any material represented to be an insecticide or fungicide which has not been registered pursuant to the provisions of section 3 of ths iact.

Section 3. Registration

Every insecticide or fungicide manufactured, compounded distributed, sold, offered or exposed for sale, either at wholesale or retail within this state shall be registered each year by its manufacturer, or some distributor thereof, with the——— ——— of Agriculture of this State by filing with said ——————— a statement of (1) the name and address of the registrant; (2) the name, brand or trademark of the insecticide or fungicide registered, and, (3) the matter to appear upon its labels. Every registrant shall pay a fee of $2.00 accompanying the first registration statement in each fiscal year, provided, however, that the registration of any number of insecticides or fungicides by one registrant during each fiscal year shall not exceed a total fee of $25.00.

Du Pont Offers Disinfectant For 'Blue Stain' in Lumber

More effective and permanent control of the unsightly "blue stain" in lumber is claimed to be promised by a new disinfectant chemical developed by E. I. du Pont de Nemours & Company, Wilmington, Delaware. The product is to be called new improved "Lignasan." Its introduction follows a ten-year research program, during which extensive field tests under the most severe conditions were conducted.

The du Pont company developed the product called "Lignasan," which was introduced in 1930. It was the first of the modern anti-stain chemicals, which now reach 60 to 80 percent of the susceptible species of air-dried lumber. To increase the efficiency of the treatment under most severe conditions, such as fog hanging over the stacked lumber day after day in hot weather, du Pont research workers have sought more persistent chemicals.

The new product contains ethyl-mercury phosphate, one of the most powerful fungicides known, and a specific against the fungi that cause sap-stain. Practical use of it as an anti-stain agent awaited the discovery of a formulation using carrier materials to increase its permanence and effectiveness.

American Water Works Ass'n N.Y. Section to Meet

The supply and distribution of water at the New York World Fair, 1939, will be the subject of the feature paper to be presented before the meeting of the New York section of the American Water Works Association, to be held December 29, in the Hotel Pennsylvania, this city. The paper will be given by Benjamin Eisner, chief sanitary engineer of the Fair. Other presentations at the meeting will be "Fire Department Experiences," by T. F. Dougherty, chief of the fire department at the Fair; and "Projects Undertaken by the Works Progress Administration for the Department of Water Supply, Gas and Electricity," by Patrick Quilty, acting chief engineer of the Department of Water Supply, Gas and Electricity of New York. The papers will be presented during the afternoon, following a luncheon at 12:30 p.m.

Glass Makers Report Sharp Gain for 1937

A moderate increase in employment and considerable increases in wages and value of products were reported by establishments engaged primarily in the manufacture of glass, glassware, and certain other glass products from the raw materials for 1937 as compared with 1935, according to preliminary figures compiled from returns of the recent Biennial Census of Manufacturers, released by the Bureau of the Census.

The number of wage earners employed in 1937 was 79,051, against 67,138 in 1935, and wages paid last year totaled $101,587,694, against $71,443,178, reported for 1935. The value of the products of this industry for 1937 was $387,709,563, against $283,925,061 in 1936. Cost of materials, etc., amounted to $140,705,050 in 1937, against $110,008,152 in 1935. The number of establishments was 232 in 1937, against 213 in 1935.

Drum Closure License Terms Limited by F.T.C.

OPD Washington Bureau
December 22, 1938

The American Flange & Manufacturing Company, manufacturer and licenser of "Tri-Sure" closures for metal drums and similar containers, Chicago and New York, has been limited by an order issued by the Federal Trade Commission, in the restrictions which it imposes on users of its closures, under its patents on such devices.

The commission's order does not interfere with the company's licensing of others to manufacture "Tri-Sure" closure parts, or with its licensing the use of its patented tools for applying these closures to containers. In consideration of this license for the use of such tools, the customer acknowledges the validity of the company's patents on applying tools and dies and agrees not to infringe or contest such patents. These provisions of the agreement were not challenged by the commission's complaint, findings, or order.

The other provisions in the order cover methods which had been discontinued by the company long prior to the issuance of the complaint.

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THE BARRETT COMPANY, AMERICA'S LEADING MANUFACTURERS OF COAL-TAR PRODUCTS • ROOFINGS • TARVIA • CHEMICALS

Barrett CHEMICALS

Coaltar Chemicals

Cautious Purchasing Policy Evident as Year-End Approaches —Contract Renewal Work Well Underway in Most Chemicals —Coaltar Solvents Continue Steady

Withdrawals of most coaltar chemicals was only fair last week. Many large consumers were disposed to limit commitments to necessary requirements as the year end inventory period approaches. Despite the normal tapering off, the outlook was cheerful for a resumption of business on a more active scale after the turn of the year. Consumers' inventories for one thing were generally at lower levels and the modified price levels in some products should prove a stimulating factor. Pricewise the market lacked any particular price feature.

Prices were released for the early part of next year in practically all the basic products, coaltar dyes, several intermediates and coaltar acids. Sellers were actively engaged in writing contracts for next year and returns to date have been gratifying. Benzol, toluol and xylol were taken steadily; the position of benzol continued strong. The lacquer trade was taking fair sized quantities of coaltar solvents. Trade was awaiting the release of crude naphthalene prices. Nothing of importance developed in the foreign market and prices held steady. Phenol was moderately taken in most directions, export demand continued spasmodic. Dealings in creosote oil and cresol were strictly routine. Cresylic acid commitments were held to necessary requirements at this time. Maleic acid moved in fair volume, with contract renewal work well under way. Phthalic anhydride was moderately taken by major consuming interests. Anilin oil held steady. Usual consumers were supplying a modest call for monochlorobenzen. Sellers were engaged in contract renewal work in coaltar dyes, and current business was along broad lines for moderate quantities.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

None

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
125.7	125.7	125.9	127.3

Market news that may have developed after this report was sent to press will be found on page 4.

Basic Products

Benzol.—Withdrawals from the lacquer, rubber, chemical processors and other consumers was sufficient to sustain business at steady levels. The improved production has been of some help in bolstering the statistical position of the market, and has enabled most producers to supply current requirements. Export inquiry has been active recently, and shipments to continental Europe and Japan have been making their appearance with regularity. The price tone remained firm. Sellers were concentrating on renewing contracts for the next six months at present quotations. Steel production was showing seasonal declines, and last week output was estimated at 51.7 percent of capacity, compared with 57.6 percent a week ago, and 23.5 percent in the corresponding week a year ago. A Japanese steel company has decided to erect benzol manufacturing plants within the premises of its factory at Ogimachi, Kawasaki, according to a press report. The company will utilize coke-gas available at the plant and plans to start marketing early next summer.

Creosote Oil.—Withdrawals against contracts were strictly routine. There was little disposition at this time to order beyond nearby requirements. Sellers were busily engaged to contract renewal work for the early part of next year at current levels. The importation into the United States of three and one-half million gallons of creosote oil in October brought incoming shipments during the first 10 months of 1938 to 44,557,944 gallons, valued at $5,074,185, compared with 46,962,963 gallons, valued at $5,476,963 in the corresponding period of 1937. Of the total the United Kingdom shipped 24,436,453 gallons; Japan, 3,794,725 gallons; Belgium, 2,839,191 gallons; Germany, 5,015,753 gallons and the Netherlands 5,686,601 gallons.

Cresol.—Principal consumers such as the disinfectant trade and synthetic resin industry were making only necessary commitments. A good response was uncovered in most quarters for next year's contracts at the recently announced quotations.

Cresylic Acid.—Sellers were engaged in soliciting contractings for the first half of next year at the lower levels published a few weeks ago. There was little disposition on the part of major consumers to add to their inventories at this time. The situation in the import market remains pretty much the same, with various grades of pale acid quoted between 62c. and 66c. per gallon for the smaller quantities, while the dark material was available at 61c. per gallon. The imports of crude cresylic acid into the United States during the first nine months of 1938 registered a sharp decline to 771,809 gallons, valued at $478,197, from 1,571,044 gallons in the corresponding period of 1937, valued at $984,432. During the first three quarters the United Kingdom exported 530,968 gallons; Germany, 184,051 gallons; Australia, 44,804 gallons, and Canada, 11,986 gallons.

Naphthalene.—Trade was awaiting release of next year's crude contract prices. Current business was generally dull last week. A satisfactory amount of progress was reported in contract work for next season in the refined product. There was little of importance to relate in the imported crude naphthalene, with the steady price tone well maintained, but little or no new business was uncovered.

Phenol.—Shipments were moving out at a modest pace in most directions last week. Major consumers, however, were disposed to limit requirements to nearby needs at this particular time. In the interim sellers were concentrating in contract renewal work for next year at present prices. Export business was featureless, although recently a shipment of 1,155 gallons was made, which was the first noticed in some weeks.

Toluol.—Withdrawals for the account of the surface coating trade and other consumers was steady last week. Some modification in quantities was discernible at times, but the approach of the year end period probably accounted for this. A good proportion of next year's contracts have already been signed at the unchanged price basis.

Xylol.—Demand from most consuming interests was well maintained. The lacquer trade continued to provide the chief stimulus to the market, reflecting to a large degree the relative stability of automotive operations.

Coaltar Acids

Anthranilic.—Nothing of interest developed in this direction last week, and consumers were content to place commitments for nearby requirements. Prices ruled unchanged.

Benzoic.—A steady interest was manifest in the market for the technical material. There was nothing new to report in the quotations, and a firm tone governed the dealings.

Cleve's.—Transactions in the market were confined to modest proportions in practically all instances throughout the past week. Quotations were in conformity with the preceding period.

Maleic.—The call from the synthetic resin industry and other consumers was along moderate lines at this time. Sellers were engaged in renewing contracts at current levels for next year.

Salicylic.—Developments of importance were conspicuous by their absence in the market. Business was of a modest character in the majority of instances. Prices ruled unchanged.

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

Chicago Coaltar Bases

While no particular broadening of demand has been noted in the coaltar bases, prices are mostly steady and general market feeling seems to be about as for some time in the past. No great change in policies of buyers has taken place, nor in volume of material reaching the market. Inquiry is fair for after the first of the year. Ruling prices exclusive of tax are: —Benzol, 90 percent, 16c. to 17c. per gallon; motor benzol, 10½c. to 11c.; toluol, 23c.; 10-degree xylol, 23c.; solvent naphtha, 26c.; creosote oil, grade 1, 13½c. to 14c.

Other Intermediates

Anilin Oil.—A steady to firm price tone characterized the dealings in the market last week. Withdrawals were maintained at comparatively steady levels for this time of the year.

Benzidine Base.—Transactions were usually held to nearby requirements, although a fairly broad interest was discernible at times. No change was reported in the quotations.

Diethylaniline.—There was nothing new to divulge in the quotations, while demand was generally moderate in most consuming lines.

G Salt.—Routine transactions were the rule in the market throughout the past week. Quotations were in line with the preceding period.

Monochlorobenzene. — Usual consumers were making their appearance with fair regularity, but there was little disposition to order beyond current requirements. Prices ruled firm.

Orthotoluidine.—Dealings in the market was steady for moderate quantities. Pricewise the market noted no change, and a steady tone governed the transactions.

Phthalic Anhydride. — Large consumers were displaying interest for nearby requirements in most instances, with the call described as steady. Contract renewal work at the present level was well underway.

R Salt.—The market was chiefly concerned with small withdrawals. Nothing new developed in the price, and a steady to firm tone remained in evidence.

Thiocarbanilide. — Withdrawals were for nearby requirements at this time, and the call was made up of moderate

—Continued on page 30

Schieffelin Solicits Drugs for Spain

Dr. William Jay Schieffelin, president of the International Drug Club, has sent a letter to approximately one hundred drug and pharmaceutical manufacturers asking their cooperation in the movement to supply urgently needed drugs and pharmaceuticals to the civilian population of Spain. The appeal to the drug and pharmaceutical manufacturers was made at a luncheon held at Hotel Biltmore, by Miss Dorothy Thompson and Ernst Toller, who revealed the plight of children and aged and the urgent need of certain drug products throughout Spain. The following resolution was adopted:—

Resolved: That the International Drug Club ask the drug trade and especially the pharmaceutical manufacturers to respond to the appeal in behalf of the civilian sufferers on both sides in the Spanish civil war for medical supplies, the supplies to be contributed through the American Red Cross for distribution by the Friends Service Committee (Quakers) on an impartial basis to the civilian sufferers of Spain.

Commenting on the appeal, Dr. Schieffelin said:—

The drug industry, I am sure, will respond generously to this appeal. Several large pharmaceutical concerns have already signified their intention of cooperating.

Drugs contributed by the industry should be marked for the Spanish sufferers and be sent direct in behalf of the Red Cross to the Friends Service Committee, 20 South Twelfth street, Philadelphia, for the attention of Clarence Pickett, executive secretary. From there they will be sent to Spain and distributed on an impartial basis to civilian sufferers in the Nationalist and Loyalist areas.

Bayer Co. Gets Injunction

The Bayer Company, obtained December 15 a preliminary injunction in the United States District Court, Kansas, restraining John Montgomery, doing business as the Fifth Avenue Drug Store in Hutchinson, Kansas, from advertising, offering for sale or selling Bayer tablets of aspirin at less than their fair trade contract minimum prices.

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increase your production, cut processing costs and assure you a better product

Here is a Benzol completely free of corrosive compounds—that will keep your stills running on a continuous maximum production basis—with fewer shut-downs for cleaning.

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FLOTATION · DISINFECTANTS · SOAP

DEVELOPERS · ANIMAL DIPS

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TAR ACIDS

Phenol · Cresol

Cresylic Acid

TAR ACID OILS

OF EXCEPTIONAL UNIFORMITY

BECAUSE . . .

1. Koppers controls coal mines . . .
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3. Produces tar from these coke ovens . . .
4. Separates acids from this tar . . .
5. Refines these acids in large volumes in a thoroughly modern plant put into operation late in 1937.

PHENOL All standard grades such as 82% and 90% and 39° Melting Point Pure.

CRESOL U. S. P. with very close cut distillation range and light color, for pharmaceutical purposes—Meta-Para Cresol with high meta cresol content—Resin cresols close cut to wide boiling with guaranteed meta cresol contents and clean odor, free from sulfur compounds.

CRESYLIC ACID Many distillation ranges appropriate for all established uses—pale color—clean odor—total impurities besides water not exceeding one half of one per cent.

TAR ACID OILS Frozen crystal free at 0°C.—good emulsion-forming properties—low benzophenol content—appropriate for low to high coefficiencies with tar acid contents as required.

Koppers position, due to raw materials and modern plant equipment, is exceptional for special cuts or fractions. Inquiries solicited and welcomed.

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Benzol (all grades) . . . Toluol (Industrial and Nitration) . . . Xylol (10° and Industrial) . . . Solvent Naphtha (Including High Flash) . . . Phenol (82% and 90% Purity) . . . Cresol (U. S. P., Resin and Plasticizer Grades) . . . 3° Meta Para Cresol . . . Cresylic Acid (Disinfectant Grades—99%, pale, low-boiling. Insecticide Grades—99%, pale, high-boiling) . . . Naphthalene Shingle Stain Oil . . . Refined Tars . . . Tar Acid Oils . . . Pitch Coke . . . Industrial Coal Tar Pitches . . . Flotation Oils . . . Creosote

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Tanks and Tank Work . . . Benzol Recovery Plants . . . Naphthalene Removal Apparatus . . . Phenol Removal Apparatus . . . By-Product Gas Plants . . . By-Product Recovery Apparatus . . . Sulfur Recovery Apparatus . . . Coal Tar Roofing Materials . . . Waterproofing and Dampproofing Materials . . . Tarmac Road Tar Materials . . . Bituminous Base Paints . . . Coal . . . Coke . . . Fast's Self-aligning Couplings . . . Fire Hydrants . . . Piston Rings . . . Gas, Air and Water Valves . . . Pressure-treated Lumber.

Obituaries

George Charles Lewis

George Charles Lewis, president of the L. Martin Company, manufacturer of lampblack, this city, died December 19 in the garden of his home in New Dorp, S. I. He was sixty-four years

Born in Bombay he was educated in England, came to the United States in 1904 and joined the Martin firm. He subsequently became a director in the

George Charles Lewis

Darco Company and the United Lamp Black Works, the latter an English firm. He was president and director of the Darco Sales Corporation, a director of Bihn & Wolff and of the Monroe Louisiana Carbon Company. He was a former president of the Chemists' Club,

Mr. Lewis was a former president of the British Schools and Universities Society and an officer in the British Naval Reserve. He also held membership in the St. Georges Society of New York and in Montauk Lodge, F. and A. M. He was credited with twenty-one inventions in connection with lampblack. The Martin Company is a subsidiary of the Columbia Carbon Company. Surviving are one son and a daughter

Harold W. Mitchell

Harold W. Mitchell, for fifteen years Canadian representative for S. B. Penick & Co., botanical drug merchant, this city, died unexpectedly on December 20 at Toronto, Canada.

Mr. Mitchell was widely known in drug trade circles in the United States and Canada. His service in the trade was more than thirty-five years, eighteen of which was spent as a representative of P. E. Anderson & Co., a botanical drug house subsequently purchased by the Penick company. During his period of service with the latter company, he acted as its sole representative in Canada.

Funeral services were held December 22 in Montreal, in which city he had made his headquarters. Surviving are his wife, Mrs. Marie R. Mitchell, a daughter, Mrs. James A. Traviss, and a son, William H. Mitchell.

—*Continued on page* 41

Dr. Samuel Colville Lind A.C.S. President-Elect

—*Continued from page* 5

been a leader of chemical research in the field of radio-activity, radium extraction and measurement, influence of radiation on chemical action, kinetics, and chemical reactions, photochemistry, and chemical effects in electrical discharge. He originated the ionization theory of the chemical effects of radium rays, and invented the Lind interchangeable electroscope of radium measurements.

Born in McMinnville, Tenn., on June 15, 1879, he was graduated with the B.A. degree from Washington and Lee University in 1899 and received the bachelor of science degree from the Massachusetts Institute of Technology in 1902. He took the Ph.D. degree at the University of Leipzig, Germany, in 1905, and later, in 1910-11, studied at the University of Paris and at the Institute for Radium Research in Vienna.

He taught at the Massachusetts Institute of Technology in 1902-03 and at the University of Michigan from 1905 to 1915. He has been associated with the United States Bureau of Mines since 1913, first as chemist in radio-activity and, since 1918, as physical chemist. He was chief chemist of the Bureau from 1923 to 1925, and associate director of the Fixed Nitrogen Research Laboratory, Washington, D. C., in 1925-26. Before becoming dean of Minnesota's Institute of Technology in 1935, he was director of its school of chemistry for nine years.

Dr. Lind, a member of the International Radium Standard Commission, was president of the Electrochemical Society in 1927. He is a fellow of the American Association for the Advancement of Science and a member of the National Academy of Science and the American Physical Society. Besides many scientific articles, he is author of a study of the chemical effects of alpha particles and electrons.

Coaltar Chemicals

Other Intermediates

—*Continued from page* 29

size quantities. Prices were without alteration.

Coaltar Colors

Trade in the market for coaltar colors was fairly steady in most directions last week. While there was little disposition to place large size commitments, the demand was of a broad nature, reflecting to a large degree the comparatively good operating levels in major consuming lines. Sellers were actively engaged in writing contracts for the early part of next year at the current levels. Imports of aniline and coaltar dyes adapted for dyeing into Canada during the 12 months ending March, 1938, declined to 4,889,468 pounds, valued at $3,385,658 from 5,109,253 pounds, valued at $4,019,247 during the 12-month period ending March, 1937. The decline continued during the quarter ending June, 1938, when 722,169 pounds, valued at $516,172 were imported, compared with 1,310,827 pounds, valued at $907,883 during the corresponding period of 1937.

COAL-TAR **NEVILLE** PRODUCTS

• **SYNTHETIC RESINS** For adhesives, aluminum paint, chewing gum, paper coatings, floor tile, pipe coatings, paint, varnishes, lacquer, printing ink, rubber compounding, waterproofing.

• **PLASTICIZING OILS** Inert, viscous, high-boiling liquids, practically non-volatile. Unusual chemical resistance. Used in connection with synthetic resins, natural gums, chlorinated rubber, flypaper, adhesives, aluminum paste. Also oils for various uses including wood preservation, shingle stains, and rubber compounding work.

• **SOLVENTS** A complete group of coal-tar solvents—refined, semi-refined and crude. Available in standard distillation ranges, and also special fractions for individual needs. For the coatings industry; soap, textiles, chemicals, and synthetic resins, as well as rubber and ink.

Samples of Neville Products gladly furnished

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20

What You Can Use

Various Materials That Are Suitable for Operating Purposes in Chemical Processing Industries

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Metal Protection

Rust-Inhibitors for Metals

(Continued from December 19 issue)

Iron-copper glycerophosphate
Iron-manganese glycerophosphate
Iron-titanium glycerophosphate
Iron-zinc glycerophosphate
Kemitite
Kauri gum varnish
Lanolin, anhydrous, in naphtha
Latex
Lead oxide
Limewater (constant immersion)
Linseed oil
Linseed oil and graphite
Maltha and candletar pitch digested and vulcanized with sulphur
Metallic glycerophosphates
Mineral dip
Mineral rubber dip
Molybdenum compounds with formaldehyde and uric acid
N. A. rust preventive material
Nitric acid, concentrated
Parco
Potassium nitrate
Oil vapors
Oleic acid solution
Orthophosphoric acid
P and B dip
P and B universal paint
Paint from oil and by-product oven coke
Paint with linseed oil and basic pigments
Paraffin
Peroline
Petrolatum
Pitch
Pitch and linseed oil
Phosphoric acid
Potassium nitrate and manganese dioxide fused (metal treated is immersed in molten mixture then suspended in fumes and cooled)
Potassium phosphide and manganese dioxide (treated as with nitrate)
Potassium sulphide and manganese dioxide (treated as with nitrate)
Red lead
Rubber heptachloride in solution
Ruberine
Rust-cote
Rust-cotine
S-G corrosion resistant paint
Sabin's baked Japan varnish
Saturated salt solutions (constant immersion)
Sodium carbonate solution (constant immersion)
Stearin in linseed oil
Sulphuric acid and ammonium citrate
Tar varnish
Tar and asphalt varnish
Thiokol
Tribasic acid salts the cation of which is more basic than that of the metal treated
Varnish and acid attacking metal, such as phosphoric or acetic acid, and constituents precipitating from metallic solutions, such as tannic acid, nucleic acid, benzoic acid, or their salts, esters, or other compounds
Waxes
Zinc cyanide plating solutions
Zinc phosphate plating solutions
Zanzibar varnish

Rust-Removers for Metals

Abrasives
Deoxylyte
3:3'-Diamino-4:4'-dimethyldiphenylmethane
Diaminodinaphthylmethane
Diaminodiphenylmethane
Diaminoditolylmethane
Hydrocarbon solvents
Iron-antimony glycerophosphates
Iron-cadmium glycerophosphates
Iron-copper glycerophosphates
Iron-manganese glycerophosphates
Iron-titanium glycerophosphates
Iron-zinc glycerophosphates
Kerosene
Oxalic acid
Phosphoric acid and 3.5 percent solution of atromentol (mixture of metal phosphates with small amount of phosphoric acid) to prevent hydrogen generation
Sodium hydroxide and zinc
Solutions of metal glycerophosphates

Rust-Resistance of Metals

(The metals are arranged in the order of decreasing tendency to rust or corrode)

Magnesium
Aluminum
Zinc
Cadmium
Tin
Lead
Iron
Molybdenum
Chromium
Nickel
Copper
Mercury
Silver
Platinum
Gold

Mineral Oil

Catalyst Carriers Used in Hydrogenation of Mineral Oil

Asbestos
Bauxite
Clay
Coke
Fireclay
Glass
Kieselguhr
Magnesia
Metal cylinders
Pumice

Catalysts Used in Hydrogenation of Mineral Oil

Alkali carbonates
Alkali hydroxides
Aluminum
Aluminum carbide
Aluminum chlorides
Aluminum nitrate
Alundum
Ammonium chromate
Ammonium hydroxide
Bauxite
Beryllium oxide
Carbon
Cerium nitrate
Cerium oxide
Chromium acetate
Chromium hydroxide
Chromium nitrate
Chromium oxide
Cobalt
Cobalt oxide
Copper
Copper nitrate
Copper oxide
Iron
Iron hydroxide
Iron nitrate
Iron oxide
Lead
Lead acetate
Lead nitrate
Manganese
Manganese oxide
Metals
Metal carbonyls
Metal compounds
Metal oxides
Nickel
Nickel carbonyl
Nickel compounds
Nickel nitrate
Nickel oxide
Nitrates
Platinum
Palladium
Rare earth oxides
Rare earth salts
Thorium nitrate
Thorium oxide
Tin
Titanium
Titanium oxide
Uranium nitrate
Uranium oxide
Vanadium
Vanadium oxide
Zinc
Zinc oxide
Zirconium nitrate

Colors for Mineral Oil

Anthraquinone oil blue
Anthraquinone oil green
Anthraquinone oil violet
Annatto
Auramine
Azo oil orange
Azo oil red
Azo oil yellow
Azo yellow
Alizarin oil blue
Grasol violet
Methylamine-4-paratolylaminoanthraquinone
Pylakrome green LX 799
Pylakrome red 420

Emulsifiers for Mineral Oil

Abietine sulphonates
Abietiensulphonic acid
Acacia
Acenaphthene
Acenaphthenedisulphonic acid
Acenaphthenesulphonic acid
Acid esters of fatty alcohols
Agar
Albasol
Albuminous substances
Alkali hydroxides
Alkali sulphonates
Alkali sludge sulphonates
Alkanol
Alkyl ricinoleates
Alkylanilides
Alkylated aromatic sulphonic acids
Alkylated hydroaromatic sulphonic acids
Alkylated naphthalenesulphonic acids
Alkylether alphathiosulphonates
Alkyletheralphathiosulphonic acids
Aluminum naphthenates
Aluminum soaps
Ammonium betatetrahydronaphthalenesulphonate
Ammonium linoleate
Ammonium resinate
Ammonium stearate
Ammonium sulphonates
Ammonium tungate
Amylamine soap of fatty acids
Amyltetrahydronaphthalenecarboxylic acid
Anthracenesulphonic acid

(To be continued)

Dyestuffs, Textile and Leather Chemicals

Prospects Cheerful for the First Quarter of 1939—Philippine Cutch, Gall and Spruce Extract Prices Extended —African Wattle Barks Reduced

Business in the market for dyestuffs, textile and leather chemicals was spotty last week. Most chemicals continued to move steadily for this time of the year, although the year-end inventory period moderated commitments to some extent. However, the leveling off was less than usual for this time, and prospects appeared bright for an early resumption of activity in most manufacturing consuming industries. Price changes were confined to lower quotations for African wattle barks.

Activity in some textile lines favored many chemicals, the number of woolen mills sold ahead is increasing, and as a result many mills are expected to step up operations over the next few weeks. Rayon activity continued its steady trend of the last six weeks. The cotton goods market showed spasmodic demand from time to time. Preliminary estimates of shoe production for December indicate that production for the year will reach about 379,000,000 pairs, which would be 8.5 percent above the record output of 1936.

Alumina chloride was favored by the improved outlook for the woolen industry, while bichromates shared the benefit of enhanced business in the textile and leather trade. Natural dyestuffs moved in routine fashion, with cochineal and logwood making the best showing. Quotations for albumen blood were firm, and will be carried into the early part of next year. Egg albumen and egg yolk were steady to firm, although business was dull. The firmer price tone in corn derivatives encouraged some forward commitments at present levels. Price changes in tanning materials were confined to African wattle barks, which declined slightly. Quotations for gambier common were still nominal. Cutch Philippine, gall extract and Spruce extract prices were carried forward in next year at present levels.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

Wattle bark, African, $1 per ton.

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
147.1	147.1	147.0	155.1

Market news that may have developed after this report was sent to press will be found on page 4.

Chemicals

Alumina Chloride.—Movement of the crystal and solution for the account of the wool trade was holding up surprisingly well for this time of the year. Most woolen mills are behind in their shipments, and operations are expected to be stepped up during the first quarter of next year. Price tone continued steady to firm.

Antimony Salt.—Small quantities continued to make up the call in this direction last week. Pricewise nothing new developed.

Potash Bichromate.—While shipments were spotty, some consumers were making withdrawals on a comparatively good scale. Exports of potash bichromate from Germany during the first eight months of 1938 totaled 1.581 metric tons, compared with 2,287 metric tons in the corresponding period a year ago.

Potash Prussiate.—Quotations were without alteration, and prices were being carried into next year at current levels. Business was fairly steady from the textile and leather consuming trade.

Soda Bichromate.—Some large consumers were continuing to show a steady interest in the market for nearby production requirements. Contract work was progressing satisfactorily for next year. During the first eight months of 1938 Germany exported 1,449 metric tons, compared with 2,070 metric tons in the like period last year.

Zinc Dust.—A steady to firm price tone prevailed in the market last week. Commitments were confined to nearby production needs at this particular time.

Dyestuffs

Annatto.—Demand was of a routine character throughout the week just closed. Prices were without change. Total exports from Ecuador for the 1937 year totaled 330,413 kilograms, valued at $26,694, against only 52,119 kilograms in 1925. In recent years Ecuador has become an important exporter of annatto seed, the United States is its chief export market for this product, taking 273,390 pounds, valued at $22,125 in 1937.

Cochineal.—A moderate interest was displayed in the market for nearby requirements. A steady to firm price tone prevailed.

Logwood.—Withdrawals for the textile and leather trade was held to moderate quantities in the majority of instances last week. Sellers were engaged in booking business for next year at the present levels.

Turmeric. — The market drifted through a quiet week. Pricewise there was nothing of interest to report, and quotations remained unaltered.

Sizing Materials

Albumen, Blood.—A steady to firm price tone prevailed in the market, and quotations will be carried into next year at current levels. Business was described as fairly steady from the textile trade.

Albumen, Egg.—Quiet conditions continued to prevail in the market last week, with commitments held to minimum proportions for this time of the year. Quotations were maintained at previous levels.

Dextrin.—The firmer price tone brought some additional business to the market, and consumers were showing some anxiety to cover before prices reach higher levels. Quotations were retained at the levels published the preceding week. The Department of Agriculture in its final crop report of the year estimated 1938 corn production at 2,542,238,000 bushels, compared with 2,651,284,000 bushels last year and 2,306,157,000 bushels average annual production during the 1927-1936 ten-year period.

Egg Yolk.—Business was of a modest character in most directions throughout the past week. Stocks were reported as below normal, and this tended to give the market a firm price tone.

Starch.—Quotations were steady to firm at the levels announced the previous period. Withdrawals were along broad lines in most directions, and there was some disposition to cover for future requirements in view of the recent firmness in the market. Visible supplies of corn for the week ended December 17th amounted to 46,092,000 bushels, against 46,037,000 bushels in the preceding week and 30,327,000 bushels in the corresponding period a year ago.

Tanning Materials

Cutch Philippine.—A steady to firm price tone governed the dealings, and quotations will remain at present levels into 1939. Business was along routine lines at this time.

Gall Extract. — Quotation remained firm, and will be carried forward into the early part of next year. Transactions were held to nearby needs.

Gambier.—Quotations for the common remain nominal, while prices for the Singapore cubes and plantation material were firm. Business was described as steady for moderate quantities.

Myrobalans.—Dealings in the market were only fair throughout the past week. Pricewise there was no change, and quotations remained at the levels established the preceding period.

Spruce Extract.—Quotations will remain firm into the early part of next year. Business was along moderate lines last week.

Sumac.—Dealings were held to nearby needs at this particular time. Quotations for the ground and leaf material were unchanged.

Wattle Bark.—Prices for East and South African wattle bark were lowered to $36 and $38 per ton, respectively.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

Oil, Gas Prospectors Must Get New Leases

—Continued from page 5

upon that day, regardless of the date upon which its issuance is approved. Pending the issuance of the lease, applicants will be permitted to continue prospecting work after December 31. Through this procedure, drilling activities may be continued in the oil prospective fields during the period between the expiration date of the permit and the time of execution of the lease.

Exchange of the present prospecting permits for the five-year lease method of supervising oil and gas development in the United States formed one of the important features of the conservation program enacted by Congress in 1935. Under its provisions it is required that the leasing system shall be completely in effect by the end of 1939, and that the present method of handling prospecting activities through the issuance of permits shall be terminated. The oil conservation act of 1935 also provides that holders of the new leases will not be required to pay rentals to the government for use of the lands for the first two years of the five-year lease period, unless discovery of oil is made during that time.

F.T.C. Complaint Hits Charcoal Makers

—Continued from page 5

Products Corporation, Nashville; the Forest Products Chemical Company, Memphis, and the Crossett Chemical Company, Crossett, Ark. Each of these companies, it is alleged, sells its entire output at cost to the Hardwood company, which fixes the resale prices, and each receives its proportionate share of the profits of, and bears its proportionate share of the cost of maintaining, its sales agency.

The complaint describes the Manufacturers Charcoal Company as a non-profit sales organization, to which the following fourteen producers sell their entire output and, in return, are paid the net amount received by the sales organization from the ultimate purchasers, less the pro rata sales expense.

The complaint alleges that there are three unlawful combinations in restraint of trade involved in the case, except for which active and substantial price competition would continue to exist among all of the respondents. According to the complaint, one combination is made up of the Hardwood Charcoal Company and the three producing companies for which it acts as sales agent; another includes the Manufacturers Charcoal Company and the fourteen companies it serves in a similar capacity, and the third comprises all of these respondents and two others, the Tennessee Eastman Corporation, Kingsport, Tenn., and the Cliffs-Dow Chemical Company, Marquette, Mich., each of which sells direct to purchasers, and not through the agency of either of the sales organizations.

Leonard Refineries, Inc., stockholders have approved a plan of consolidation with the McClanahan Refineries, Inc.

Natural Products Refining Co.
910 Garfield Avenue,
Jersey City, N. J.
Natural
Natural BICHROMATES

DRY COLORS—DYESTUFFS
IMPORT EXPORT
FEZANDIE & SPERRLÉ, 205 Fulton Street, NEW YORK
Telephones: Cortlandt 7-1460-1461 Cable Address: "Fezan," N.Y.

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Special 90% Sodium Acetate
Recommended as a
Drying and Dehydrating Agent
for various solid chemical preparations which have a tendency to absorb moisture after packaging, resulting in lumps.
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Bichromate of Potash
Oxalic Acid
Chromic Acid
MUTUAL
MUTUAL CHEMICAL CO. OF AMERICA
270 MADISON AVE. NEW YORK
PLANTS AT BALTIMORE AND JERSEY CITY MINES IN NEW CALEDONIA

N.Y.Chemical, Drug Corporations Dissolved

—*Continued from page 5*

Danbarg Drug Company, Gardner Chemical Corporation, General Laboratory Products, Gersing Drug Company, Globe Drug Corporation, Getz Pharmacy, Gilbert Cosmetic Stores, Goodwill Drug Company, Great Drug Corporation, Greenberg Drug Company, Greenfield Pharmacy, Greenwald Dental Laboratories, Greylock Drug Company.

Hamilton Chemists, Hardenbrook Chemist Shop, Harsim Pharmacy, Hewitt Laboratories, Hillcrest Drug Company, Hoe Pharmacy, Home Drug Company, Hotel Chemical Research Company, Hunter Pharmacy.

Ideal Laboratories, Oldos Drug Company, Imperial Drug Corporation, Interboro Dental Laboratory.

Jamaica Cosmetic Shoppe, James Drug Company, James Pharmacy, Jamestown Drug Mart, Jerome Chemists.

Kalbo Dye Works, K. & S. Drug Corporation, Krypton Laboratories.

La Mira Chemical Company, Langdon Pharmacy, Lake Mohopac Pharmacy, Laura Drug Company, Levinson Pharmacy, Lewis Drug Company, Lincoln Brush Company, Lincoln Chemists, Luster's, Dr., Cosmetical & Medical Preparations "Miraculum" Company.

M. I. H. Drug Corporation, Mack's Cosmetic & Drug Corporation, Majestic Soap Products Corporation, Medicinal Products Corporation, Medico-Biologic Laboratories, Medico, Hospitals and Dentists Supply Corporation, Medpule Research Laboratories, Metropolitan Alcohol Corporation, Milhar Drug Company, Model Chemists, Modern Laboratory, Morton Laboratories, Munsey Drug Company, National Cosmetic Stores, Nelak Drug Company, Neumann, Henry T., Laboratories, New London Pharmacal Corporation, New Yorker Pharmacy, Norway Pharmacal Company, Nu-Art Dental Laboratories.

Ocean Crest Pharmacy, Old Colony Chemical Corporation, Otra Chemical Corporation, Ouray Laboratories.

Palmetto Drug, Paramount Dye Works, Parkin Chemical Company, Paulette Laboratories, Pharmaceutical Oils Company, Perfection Distilled Products Corporation, Perfumeter Company, Phen-ix Pharmacal Company, Philrod Pharmacal Company, Picture Soap Company, Pilot Laboratories, Pitkin Cut Rate Drug Company, Plaza Chemists, Plaza Perfumery, Proto Chemical Company.

Red Comet Chemical Corporation, Reynolds Pharmaceuticals, Riviera Pharmacy, Robert Drug Company, Roossin's Pharmacy, Royal Flush Chemical Company, Rudben Drug Company.

S. & S. Drug Corporation, Safan Laboratories, Sanderson Chemical Company, Sanito Disinfectant Company, Sanox Laboratories, Schonhorn Pharmacy, Seaboard Chemical Corporation of New York, Seagate Cosmetic Shop, Security Pharmacy, Shanehouse Drug Company, Simpson Pharmacy, Societe Parfums Paris, Inc., Spanier Drug Stores, Spectrum Research Laboratories, Standard Chemicals & Metals Corporation, Standard Cosmetics, Standard Pharmaceutical & Chemical Solvents Corporation, Stangran Pharmacy, Stanhow Drug Stores, Sterling Chemists, Stewart Laboratories, Stullman's Pharmacy, Sultone Laboratories, Sunny Susan Laboratories, Superb Dental Laboratories, Superior Surgical Supply Company, Supreme Perfume Shops, Swift Chemical Company.

Taber Chemical Corporation, Tenol Chemical Corporation, Terese Laboratories, Terminal Drug Company, Terrace Drug Shop, Thomaston Laboratories, Throggs Neck Pharmacy, Timen Chemist & Lunch Shop, Times Drug Company, Tragum Chemical Corporation.

Union Chemistry Associates, United Chemical Laboratories, Universal Chemical Products Company.

Valasta Perfumes, Valencia Pharmacy, Vandalia Chemical Company, Vanishine Laboratories Corporation, Venetian Laboratories, Vigo Laboratories, Village Chemist Shoppe, Village Pharmacy, Vitamic Laboratories, Vix Laboratories, Vogue Cosmetics, Vreem Medicine Corporation.

Wagor Drug Company, Wallace Fountain Toothbrush, Wallens' Drugs, Inc., Walper Cosmetics, Webb Chemists, West End Chemical Corporation, West Pharmacy, Wilber Hair Growing Treatments, Wilcheck Chemical Company, Willed Chemical Company, Willner Drug Company, Windsor Laboratories, Wolkow Cosmetic Shops, Wolmark Chemical Company, Woodside Chemists, Worth's Laboratories, Wotman's Pharmacy, Writers Laboratory Guild, Wroblewski Drug Company, Ltd.

York Chemical Corporation, Yorkville Drug Company.

Zapoteca Laboratories, Zucker's Pharmacy, Zurcon Chemical Company.

Oils and Fats

Cosmos Olive Oil Company, Delizia Olive Oil Company, Elmira Soap Products Company, General Vegetable Oil Company, Transatlantic Oil & Fat Processes.

Paints

Bosand Paint & Hardware Corporation, Catawba Paint Corporation, Consumers Paint Markets, Crown Paint Products, Dobra Paints, Harriton Glue Company, Hoboken White Lead and Color Works, Iron White Paint Corporation, Palmer Paint Supply Corporation, Paradise Paint Company, Plymouth Petroleum Company, PureCote Paint Manufacturing Company, Silverman Paint Company, Suburban Paint Company, Trinity Paint Company, Union Metallic Paint Corporation, Up-Town Duo Enamel, Utility Paint & Varnish Company, Walton Paint & Varnish Corporation, Warking Paint Corporation, Weldon Paint Company, Weymac Varnish and Insulator Company.

Petroleum

Arrowhead Petroleum Syndicate, Baltic Petroleum Products Corporation, Benmoll Gasoline Service, Big Three Gasoline Stations, Borden Oil Sales Corporation, Bragg Petroleum Corporation, C. F. & C. Oil and Gas Company, Certified Petroleum Products Corporation, Co-Operative Gasoline Marketers, Customers' Gas and Oil Corporation, Dresden Oil & Gas Company, Elite Lubricating Company, Everready Petroleum Products Company, Fill-Up-Gas Stations, Flow Oil Refining Company, Howard Oil & Printers' Supplies, Kenlon Oil Company, Lafayette Oil & Gas Corporation, Lincoln Lubricating Equipment Corporation, Monroe Oil Corporation, Nichols Oil & Motor Corporation, Northeast Petroleum Company, Northwestern Petroleum Corporation, Pharmaceutical Oils, Pilgrim Oil Company, Plymouth Petroleum Company, Pure-Cote Paint Manufacturing Company, Ruby Oil Corporation, Salina Oil Company, Inc., Sicilian Petroleum Syndicate, Inc., Spellacy Oil Corporation, Standard Lubricant Company, Steuben Oil Company, Taxi Oil Jobbers, Walker Oil Company, Welch Gasoline & Oil Corporation, White Rose Oil Corporation.

Lavanburg Acquisition Data Expected Momentarily

While no details have been issued on the recent acquisition of the stock control of the Fred L. Lavanburg Company, chemical pigment manufacturer, Brooklyn, by H. Reichhold, president of Reichhold Chemicals, Inc., Detroit, announcement of which appeared in the December 19 issue of the REPORTER, it is understood that few changes will be made in the personnel of the Lavanburg organization so far as the sales and manufacturing groups are concerned. Reorganization of the executive staff will, on the other hand, take place at an early date, together with a revised list of the sales agents and representatives. Mr. Reichhold's initial experience in the industry was with a European producer of dry colors, which was followed immediately by a term of tinting, color matching, etc., with an American manufacturer.

U.S.P.Changes Published

Changes in USP provisions with respect to aloe, ephedrine, and stramonium and its preparations have been published in interim revision announcement No. 2 by the revision committee and the trustees.

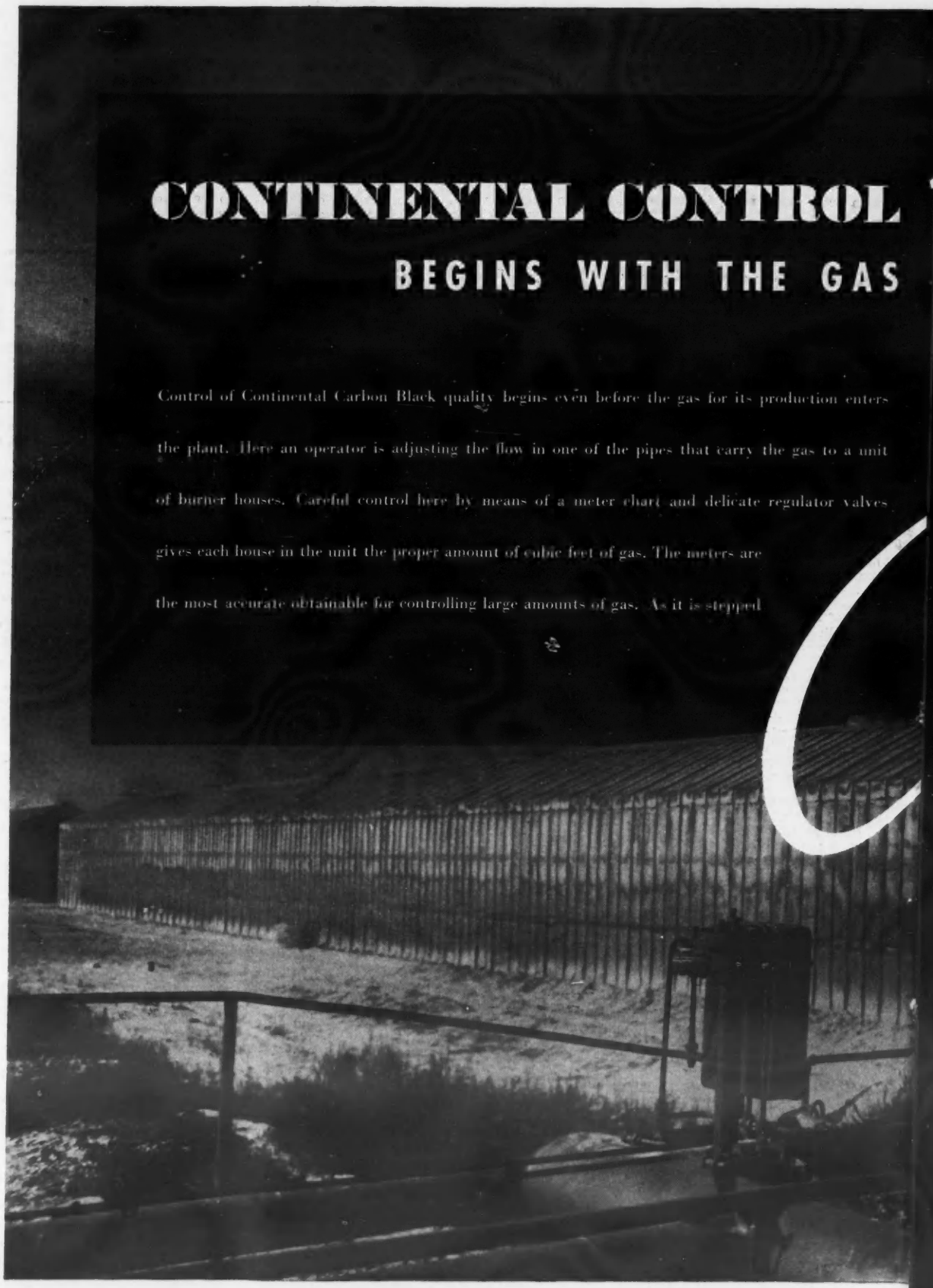
The changes with respect to aloe set up maximum contents of acid-insoluble ash and moisture, and revise the statement of tests for identity and purity.

The definition of ephedrine is changed to recognize various species of ephedra as the source, also to recognize the synthetic product.

The alkaloidal requirement on stramonium is reduced to "not less than 0.25 percent," the alkaloidal standards of the extract and the tincture being changed accordingly.

K. L. Brenner has been appointed purchasing agent for the Wabash Railway Company, and the Ann Arbor Railroad Company.

United States Tariff Commission has issued the second volume of its report, entitled "Trade Agreement Between the United States and the United Kingdom."


CONTINENTAL CONTROL
BEGINS WITH THE GAS
Control of Continental Carbon Black quality begins even before the gas for its production enters the plant. Here an operator is adjusting the flow in one of the pipes that carry the gas to a unit of burner houses. Careful control here by means of a meter chart and delicate regulator valves gives each house in the unit the proper amount of cubic feet of gas. The meters are the most accurate obtainable for controlling large amounts of gas. As it is stepped

McK.& R. Board Elects C.F. Michaels President

—Continued from page 5

presidents throughout the United States. This wholesale drug business is the principal business of McKesson & Robbins Inc.

In the past few years, McKesson & Robbins, Inc., has gone extensively into the wholesale liquor business, the purchases and sales of which are directed from the company's offices in New York (the sales being largely through the wholesale houses and subsidiaries of the company throughout the country); and into the distilling business, which is also directed from New York, and whose products are also distributed from New York. Both of these branches of the business have been under my direction and control.

I have been a director of the company since I exchanged my own business for stock in McKesson & Robbins, Inc., and since there has been an executive committee I have been a member of that committee. I have also headed the management committee of divisional vice-presidents. The board of directors, executive committee and management committee meet at the New York offices and all corporate action is taken here.

Manufacturing and Crude Drugs

The only business of the company at Bridgeport has been the drug manufacturing business (which distributed more than half its products through our wholesale houses, and whose total other business amounted to less than 3 percent of company sales) and the business in crude drugs (which now appears to have been fictitious). Both of these businesses pertained to the Connecticut company (the old McKesson & Robbins), which was controlled by F. Donald Coster and came into McKesson & Robbins, Inc., at the time the wholesale drug companies, including my own, exchanged their stock for the stock of the new company. I and the executives under me here have had nothing to do with the manufacturing business or with the crude drug business, which latter has involved the company in its present difficulties. This business continued to be conducted at Bridgeport under the direction of Mr. Coster, the president of the company.

I have recited these facts in detail because the public, and with the public the security holders of the company, have apparently lost sight of them in the midst of the sensational developments regarding Mr. Coster's frauds and what now appear to be his illegal operations under the cover of the crude-drug department of the company out of Bridgeport. I do not believe that Mr. Coster's frauds will be found seriously to involve the assets of the drug manufacturing department and in any event certainly will not involve to any great extent the drug manufacturing business or the distribution of its products through wholesale drug houses and to others in the trade. The business of the manufacture of drugs is still there and it can and should be continued.

But in any case, what has happened in respect to the crude-drug department and the manufacture of drugs in Bridgeport has nothing to do with the principal business of the company which is that of a wholesale drug and liquor business and the distilling of liquor. This principal business of the company has always been directed by myself and my associates. The integrity and honesty of this business has not been, and it cannot be, impugned.

Trend of Business

It is the principal business of McKesson & Robbins, Inc., and its subsidiaries, and represents a sales volume of $151,972,600 annually as compared with $4,352,608 for the manufacturing plant (exclusive of $4,831,539 of inter-company sales); and as compared with $18,247,020 for the purported crude drug department. Furthermore, the assets attributable to this principal part of the business are approximately $62,344,084 out of total consolidated book assets of $86,556,269, at October 31, 1938. If the loss to the company is confined to the assets of the crude drug department (and assuming that the department is a total loss) it would leave approximately $65,344,000 in good assets for the creditors and stockholders. While the company may be unable presently to meet its debts as they mature, there can be no doubt as to the ability of the trustees to meet all obligations incurred by them in continuing the business, and there should be no doubt that the company can reorganize as a solvent concern, capable of continuing all the branches of its business which were in actual (and lawful) operation and which made very substantial earnings for the stockholders.

Mr. Wardall has inducted himself into the business of the company in a way to establish the confidence of every one, and I believe he can well continue as the sole trustee. I will, of course, render him every possible assistance and shall expect to devote my entire time and energies to the reorganization and rehabilitation of the company in its position in the wholesale drug business of the country.

The directors did not take action to fill the executive vacancies created by the election of Mr. Michaels as president and the discharge of George Musica.

Inventory Items

Among the items in the inventories reported for auditing of McKesson & Robbins accounts in January, 1938, and alleged to represent stocks in Canadian warehouses recently found to have been nonexistant, were:—

	Pounds.
Aloin, U.S.P.	271,600
Canada fir balsam	280,000
Castor fiber, powd.	18,000
Iodine, resublimed	300,000
Oil—	
cardamom	9,800
juniper berries, terpeneless	14,000
lemon, sesquiterpeneless	28,400
orange, sweet, terpeneless	3,800
patchouli flowers, finest	91,000
peppermint, natural	189,000
rose geranium, Algerian	39,250
Procaine	27,250
	Ounces.
Quinidine alkaloid, crystals	210,000
Quinine sulphate	420,000
	Pounds.
Rhodinol, pure, from oil of Bourbon geranium	20,500
Vanilla beans, Mexican	36,000

An organized movement of some stockholders and a few creditors was reported under way during the week, designed to secure transfer of the McKesson & Robbins reorganization proceedings from the Federal court in this city to one in Connecticut.

Bids Wanted

Acid, Mixed:—270,000 pounds; Commanding Officer, Picatinny Arsenal, N. J.; procurement 476, opening January 16.

Sulphuric:—300,000 pounds; Commanding Officer, Picatinny Arsenal, N. J.; procurement 476, opening January 16.

Amyl acetate:—20,000 pounds for Norfolk; Bureau of Supplies and Accounts, Navy Department, Washington, D. C.; schedule 5253, opening January 10.

Asphalt, Petroleum: — 10 tons; Quartermaster, Hamilton Field, Calif.; procurement 373-23, opening December 28.

Calcium Chloride:—10,000 pounds; Commanding Officer, Picatinny Arsenal, N. J.; procurement 475, opening December 28.

Cellulose Nitrate Lacquer:—1,100 four oz. cans; Contracting Officer, Material Division, Air Corps, Wright Field, Dayton, Ohio; procurement 490, opening January 16.

Ferromanganese:—10,000 pounds for Boston, 8,000 pounds for Philadelphia, 3,000 pounds for Norfolk; Bureau of Supplies and Accounts, Navy Department, Washington, D. C.; schedule 5203, opening January 6.

Gum, Ester:—50,000 pounds; Bureau of Supplies and Accounts, Navy Department, Washington, D. C.; schedule 5249, opening January 10.

Lampblack:—800 pounds, dry; Naval Supply Depot, Norfolk, Va.; schedule 364, opening December 30.

Lead Naphthenate:—4,000 gallons, drier, for Norfolk; Bureau of Supplies and Accounts, Navy Department, Washington, D. C.; schedule 5251, opening January 10.

White:—5,000 pounds paste in oil; Commanding Officer, Raritan Arsenal, N. J.; procurement 60, opening December 29.

Methanol: — 4,000 gallons for Norfolk; Bureau of Supplies and Accounts, Navy Department, Washington, D. C.; schedule 5248, opening January 10.

Mica:—20,000 pounds, f.o.b. Blair, Neb.; U. S. Engineering Office City National Bank bldg., Omaha, Neb.; procurement 221, January 5.

Naphtha, Coaltar:—5,000 gallons for Norfolk; Bureau of Supplies and Accounts, Navy Department, Washington, D. C.; schedule 5250, opening January 10.

Naphthalene:—50,000 pounds, flake; Quartermaster Depot, Philadelphia, Pa.; procurement 669-108, opening January 4.

Oil, Fuel:—45,000 gallons; U. S. Engineer Office, Philadelphia, Pa.; procurement 215, opening December 29.

500 barrels, diesel; U. S. Engineer Office, Custom House, Wilmington, N. C.; procurement 77, opening December 29.

Paraffin:—3,000 gallons; Commanding Officer, Springfield Armory, Mass.; procurement 217, opening January 3.

Soda Ash:—20,000 pounds, powdered; Commanding Officer, Springfield Armory, Mass.; procurement 218, opening January 3.

34 tons; Quartermaster, West Point, N. Y.; procurement 1052-68, opening January 4.

Phosphate, Tribasic:—25,000 pounds; Naval Supply Depot, Norfolk, Va.; schedule 362, opening December 30.

down to smaller pipes, the same accuracy of control is maintained so that the flow going to each of the thousands of tips of flame is the same. Thus does precision equipment give you assurance that the Continental Carbon Black you use in your plant will be of the highest quality and uniformity.

CONTINENTAL CARBON COMPANY • 295 MADISON AVENUE, NEW YORK, N. Y.

Continental

Trade Briefs

Central Paints, Inc., will open at Baronne and Poydras streets, New Orleans, January 3. R. C. Metcalf is president.

Mer-Q-Ree, Inc., is the name of a new painters' supply house incorporated in Maryland with an authorized capital of 50 shares of no par value.

J. Harvey Gravell, paint manufacturer, Ambler, Pa., has given his employees in four United States and Canadian plants Christmas bonuses totaling $175,000.

Paint and Varnish Exchange Club held a meeting December 14 in this city. C. R. Wareham of the Hart Moisture Gauges spoke on the operation and value of moisture gauges in determining the presence of excess moisture in wood and plaster surfaces.

Hilton-Davis Chemical Company, Cincinnati, directors have extended until April 1, 1939, an option on the common and preferred stock held by Distributors Group, In. Option was for the purchase at $13.50 a share of remainder of issues of 15,000 shares of $1.50 convertible preferred stock and 10,000 shares of common stock.

Glue and Gelatin Industry Noted Increase in 1937

The number of wage earners employed in the glue and gelatin industry in 1937 was 3,547, as compared with 3,253, the number reported for 1935, according to preliminary figures compiled from returns of the recent Biennial Census of Manufacturers, released by the Bureau of Census. Wages paid in 1937 amounted to $4,565,134, against $3,534,418, reported for 1935. The value of the products of the industry for 1937, $40,649,934, exceeded the 1935 figure, $28,161,033, by 44.3 percent.

This industry, as classified for census purposes, embraces establishments engaged principally in the manufacture of glues from vegetable and animal materials including casein ,and of edible and inedible gelatin. There were seventy-five establishments, against seventy-four in 1935. The cost of materials totaled $23,390,959, against $15,076,298 in 1935.

Paint Manufacturers Reported Broad Improvement in 1937

Manufacturers of paints, pigments, and varnishes reported the number of wage earners employed in 1937 was 31,664, as compared with 27,686 reported in 1935, and wages paid last year amounted to $42,750,662, against $32,186,867 in 1935. The total value of products of this industry for 1937, $538,460,629, exceeded the 1935 figure, $416,999,566, by 29.1 percent, according to the Biennial Census of Manufacturers, released by the Bureau of Census. Cost of materials amounted to $312,085,415 in 1937, against $231,982,952 in 1935. There were 1,124 reporting establishments in 1937, against 1,082 in 1935.

Lewis Makes North Agent

John D. Lewis, Inc., Providence, R. I., has appointed Dr. W. B. North distributor of its synthetic resins, and ester gums in New York City, New Jersey and Philadelphia. He will have his headquarters in the Industrial Office Building Corporation, Newark, N. J. Dr. North has been identified with the paint industry since 1911, and is a former president of the New York Production Club.

Rosin Freights Revised

Albany, Dec. 17, 1938

The New York Public Service Commission has approved cancellation of the following:—

By the New York Central, East, of commodity freight rates on rosin, carload, from various New York city stations to Mechanicville on the Boston & Maine. Advances and reductions to class rates. Effective January 7, 1938.

Cuban Minerals Duties Set

Magnesite, meerschaum and tungsten produced in Cuba should be dutiable at rates provided for in the 1930 tariff act less the preferential reduction of 20 percent provided in article III of the Cuban trade agreement, according to a ruling of the Bureau of Customs.

Goodyear Tire & Rubber Company, Akron, plans the erection of a tire factory in Sao Paulo, Brazil.

Holiday Mementoes Received

The REPORTER acknowledges in appreciation the receipt from friends of mementoes of the holiday season as follows:—

Firmenich & Co., New York—A collection of six color photographs of wintry alpine landscapes, each mounted on a hanging sheet with calendar data for two months.

E. Sonnenschein & Co., New York.—A colorful card with seasonal greetings.

H. H. Rosenthal Company, New York.—An etched winter scene on a New Year greeting card.

W. G. Wright, president of the National Fertilizer Association.—A letter of homely holiday sentiment.

B. F. Goodrich Company, Akron, Ohio.—A decorative card of simple Christmas greeting.

Philipp Bauer Company, New York.—"Merry Christmas—Happy New Year" on a pretty card.

Pennsylvania Coal Products Company, Pittsburgh.—An elegant card of holiday greetings and wishes.

Faesy & Besthoff, Inc., New York.—A prettily pictured Winter landscape with a Christmas and New Year wish.

Baird H. Markham, New York.—A "Merry Christmas" acrostic against gasoline taxes.

Worden Laboratory and Library, Millburn, N. J.—A beautifully illumined message for the New Year.

Hoffmann-La Roche, Inc., Nutley, N. J.—A heartful, friendly holiday greeting on a colorful wintry picture.

William H. Floyd & Co., Los Angeles.—A large, twelve-page wall calendar showing three months at a time.

Calco Chemical Company, Bound Brook, N. J.—A four-fold wall calendar picturing in full colors, by Guenther, dyeing and weaving in the pre-Inca era over a thousand years ago, and giving calendar data for three months at a time.

Imperial Paper & Color Corporation, Pigment Color Division, Glens Falls, N. Y.—A very large poster calendar reproducing in rich coloration a painting—"The River Road"—of English Lake Country scenery, by Samuel Bough. The monthly calendar figures are large, and each month is supplemented with small calendars for two others.

Liberty Cork Company, Jersey City, N. J.—Season's greetings on a card of pressed cork.

National Society for the Prevention of Blindness, New York.—A holiday petition signed by the "Seven Dwarfs," with appropriate pictures by Walt Disney.

Merck & Co., Rahway, N. J.—The 1938 annual issue of *The Murk Retort,* "published in the interests of phantasy"—a pharmacal journal on the lighter side.

Cliffs Dow Chemical Company, Marquette, Mich.—Holiday greetings with a picture and chronology of the "Nation's Christmas Tree"—the giant sequoia called "General Grant" in California.

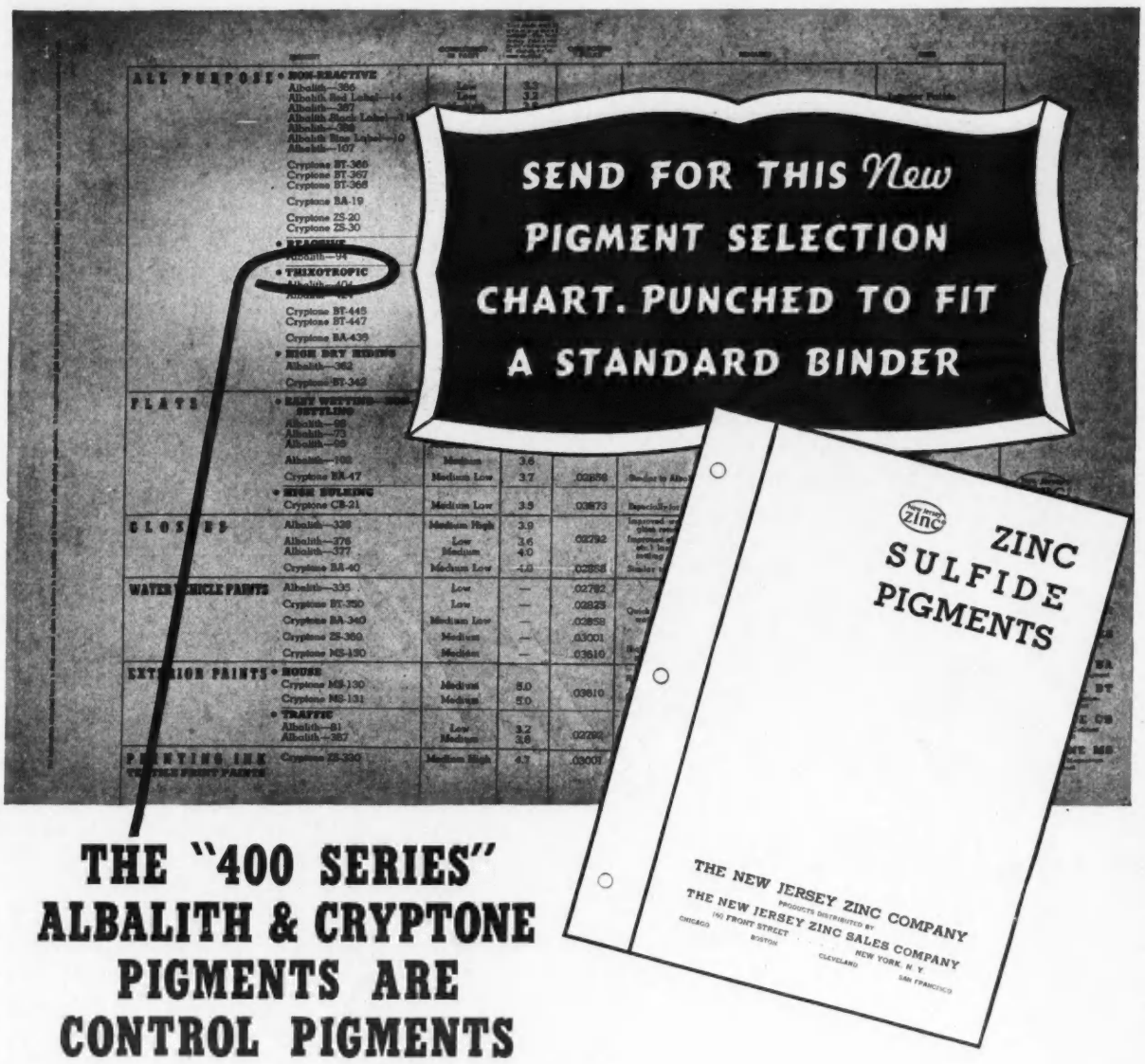
Innis, Speiden & Co., New York.—A "Merry, Merry Christmas" folder illustrating the unchanging old custom of holiday greeting.

Mallinckrodt Chemical Works, St. Louis.—A ring-bound memorandum calendar, paged by the week and prefaced with cordial holiday greetings.

Philadelphia Quartz Company, Philadelphia.—A New Year's greeting for 1939, coupled with a reproduction of that which the company sent out in 1871.

Olive Oil Ass'n Dinner Set for February 16

The Olive Oil Association of America will hold a "follow through" dinner and entertainment in the Produce Exchange Club, 2 Broadway, on the evening of February 16. A reception will be held at 6:30 p. m. Dinner will be served at 7 p. m. Tickets can be obtained from Walter A. Benz, 139 Franklin street. The affair will be informal.



THE "400 SERIES" ALBALITH & CRYPTONE PIGMENTS ARE CONTROL PIGMENTS

A group of zinc sulfide pigments of improved color and brightness.

Offers the paint formulator an excellent means of obtaining better balanced interior finishes.

Used as the major hiding pigment they produce paints of desirable creamy body which are non-settling, easy to brush and of good leveling properties.

Used in conjunction with other pigments they correct settling tendencies, produce more body and improve packaging qualities.

Available in a range of consistencies for flats, undercoaters, semi-glosses, glosses.

Albalith—404-424
Cryptone—BT-445-447
Cryptone—BA-435

THE NEW JERSEY ZINC COMPANY
160 FRONT ST. zinc NEW YORK

Paint, Varnish, Lacquer Materials

Pig Lead Prices Advance—Casein Quotations Higher—Stearates and Palmitates Prices Unchanged for 1939—Receipts of Naval Stores Diminishing—General Business Dull

The price of pig lead advanced 10c. last week. The new price established is $4.85 in New York and $4.70 at East St. Louis. Firmer prices abroad, and an increase in demand here are credited with the price advance. Buyers, possibly fearing additional advances, were in a receptive mood, and sellers reported brisk movement of the metal. Producers justified the advance by pointing to the severe price slashes the metal underwent in the past few months. London lead prices fluctuated slightly but did not show indication to follow the domestic rise.

The zinc market was featureless with the price continuing at $4.50 per pound at East St. Louis. Galvanizers showed little interest in the market.

Although the raw paint materials are suffering their usual year-end slackness, present indications for 1939 are promising. Contracts for many of the products show that the tonnage for the first quarter is running ahead of the figures for the corresponding period this year. Manufacturers look forward to a good year following a forecast by the F. W. Dodge Corp. that home building for owners' occupancy in 1939 will be more active through the 37 states east of the Rockies than it has been at any time since 1929. The forecast anticipates that $415,000,000 will be spent for work and materials. This figure compares with an estimated $360,000,000 for the current year.

A steady or firm tone prevailed in Southern markets for rosin and turpentine last week, although quieter conditions ruled so far as new business was concerned, consumers and dealers being disposed to curtail purchases as usual with the approach of the year-end holidays. Receipts were smaller and a further decrease in production and marketing operations was expected in the near future.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Casein, dom., 20-30 mesh, ½c. per lb.
80-100 mesh, ½c. per lb.
Lead, dom., 10c.
Rosin, gum, 5c. to 10c. per 280 lbs.
Turpentine, gum, 2c. per gal.

Reduced

Ethyl acetate, 4-10c. per lb.
Methyl acetate, 97-99 percent, ¾c. per lb.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
131.7	131.7	131.1	131.6

Market news that may have developed after this report was sent to press will be found on page 4.

Metallic Lead and Zinc

The price of lead was advanced last week to a level of $4.85 to $4.90 New York, and $4.70 East St. Louis. This was an increase of around 10c. Buyers were in a receptive mood and sellers reported a brisk movement of the product. The increase followed brisk slashes in price the metal underwent in the past few months. London lead prices showed no inclination to follow the domestic advance.

Demand for zinc was quiet with only occasional carloads demanded for shipment. Price remained firm at $4.50 per pound, East St. Louis.

Lead.—Prevailing spot prices at New York, East St. Louis and London for the period from December 17 to December 23 inclusive, were as follows:—

	Pigs		Spot. London.
	Per pound		Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0475@.0480	$0.0460	15 0 0
Monday	.0485@.0490	.0470	15 1 3
Tuesday	.0485@.0490	.0470	15 0 0
Wednesday	.0485@.0490	.0470	15 2 6
Thursday	.0485@.0490	.0470	15 1 3
Friday	.0485@.0490	.0470	15 2 6

Zinc.—Prevailing spot prices at New York, East St. Louis and London for the period from December 17 to December 23, inclusive, were as follows:—

	Slabs		Spot. London.
	Per pound		Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0490	$0.0450	.. .. ..
Monday	.0490	.0450	13 13 9
Tuesday	.0490	.0450	13 15 0
Wednesday	.0490	.0450	13 16 3
Thursday	.0490	.0450	14 1 3
Friday	.0490	.0450	13 18 9

Pigments

Despite the increase in the price of pig lead last week the schedules for the lead derivatives remained unchanged. Both lead pigments and titanium dioxide reported the usual seasonal declines. Buyers were indisposed to take in supplies and sellers did not look for much in the way of activity until after the turn of the new year. The major portion of the contracting for 1939 has been completed.

White Lead.—The advance in the price of pig lead did not influence the position of dry white lead, which was increased in price a few weeks ago. Contracts for the first quarter of the year, which were being written at the recently established price, continued to move firmly. According to Department of Commerce reports, several new firms have entered the white lead field in Great Britain during the past year. Notwithstanding domestic production, total imports of the pigment into Great Britain in 1937 were 73,558 hundredweight as against 84,161 hundredweight imported in 1936.

Red Lead.—Car lot prices which declined ¼c. per pound on December 9 remained firm at the new low price. Typical seasonal slackness was evident in this field.

Litharge.—The demand of the market continued very quiet. Price for this commodity remained at 1c. per pound cheaper than 95 percent. red lead.

Lithopone.—Most of the contracting for the coming year having been negotiated, the market here was somewhat inactive. Contracts are being offered to the trade at unchanged prices, which are quoted firm for the first quarter of 1939.

Titanium Pigments.—In common with other pigments the volume of trade thus far in December has been small. The contracting for 1939 has been fairly well completed with prices on new agreements unchanged from those that prevailed on the contracts expiring this month.

Zinc Oxides.—Demands of both paint and rubber tire makers are keeping the levels for zinc oxides relatively constant. Brisk activity is reported in the contracting for 1939, with substantial increases in tonnage over the corresponding period this year indicated. The recent reductions in the metallic lead prices did not influence the schedule of leaded zinc oxides.

Fillers and Extenders

Inert pigments, fillers and extender products shared in the general seasonal dullness. Products moved into consumption in a small way. There have been some offerings of contracts for 1939. No price movements have been reported.

Barytes.—Following a belated start, Missouri producers are negotiating contracts for 1939 with brisk activity in the closing of them reported.

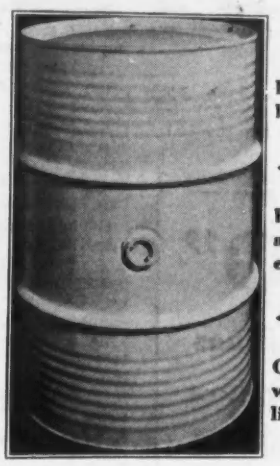
Mica.—Prices of wet-ground materials remained at the following levels: Rubber grade, 4c. per pound in car lots and 4½c. per pound l.c.l.; paper grade,

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

Finished in various colors of durable high gloss baking enamels.

Accurately comply in all respects with I.C.C. and other shipping specifications.

Designed for safety, dependability and serviceability.



Expanded and rerolled hoops.

Each drum carefully air tested and inspected before shipment.

Chimes designed to withstand rough handling and abuse.

MANION Steel Drums Are Superior From Every Standpoint—Particularly INTERIOR CLEANLINESS

Our years of experience in manufacturing steel drums for the chemical industry have enabled us to establish a reputation among discriminating drum users for dependable, trouble-free containers.

If your product is one that requires absolutely clean and odorless drum interiors you will find MANION drums superior for the following reasons:

Sheets used are special hot rolled, continuous mill sheets with tight protective oxide which positively will not flake or smudge and is not easily susceptible to rusting.

Special care used in manufacturing to guard against contamination from oil, grease, cutting compounds, scale or other objectionable matter.

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Your inquiries will receive our prompt attention.

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MANION STEEL BARREL CO.
OIL CITY, PA.

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METHYL ETHYL KETONE

The consumption of Methyl Ethyl Ketone in the lacquer, ink, resin and plastic industries, indicates that its properties have been found to have considerable value. Its advantage as a solvent in the formulation of lacquers is well known and its high solvency and low weight (6.72 lbs. per gallon) are characteristics which give it considerable advantage over other low boiling solvents.

The high purity of Shell's Methyl Ethyl Ketone is an essential factor.

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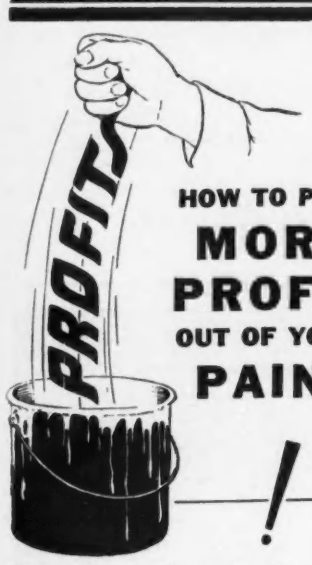
4½c. per pound in car lots and 4⅝c. per pound l.c.l.; and paint grade 4¼c. per pound in car lots and 4¾c. per pound l.c.l. Prices west of the Rocky Mountains are ½c. per pound additional.

Talc.—Prices for the Ohio flake type product continued unchanged at $21 per ton for carloads and $24.50 per ton l.c.l., both f.o.b. mills.

"SUCO"
Ultramarine Blues
Alkali Blue Toners
Methyl Violet Toners
Blanc Fixe
STANDARD ULTRAMARINE COMPANY
HUNTINGTON, W. VA.



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NOT rabbits out of your hat, but *profits* out of your paint! That's the sort of magic you can perform when you treat your paints with

FRITZSCHE BROTHERS' PAINT DEODORANT No. 5

By using this new and proven deodorant you can give the consumer what he has been waiting for *and will buy* — namely, paint *without objectionable odor*. The cost is negligible — 1 lb. of "No. 5" effectively masks 350 gallons of the average paint. Write for particulars TODAY.

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BRANCH STOCKS
BOSTON CHICAGO LOS ANGELES ST. LOUIS TORONTO, CANADA MEXICO, D. F.
FACTORIES AT CLIFTON, N. J. AND QUEBEC, CANADA

Dry Colors

Contract negotiations for 1939 were moving steadily last week, especially in the carbon black field, where buyers were fearful the recently rescinded price increase might still become effective No colors showed schedule changes since reviewed in the last issue. With a reduction of 7c. from the 1938 figure, contracts for lithol toners are being made readily. Movement of English vermillion was reported sluggish.

Carbon Black.—There was active demand in this market last week, although it dropped from the levels reached the previous weeks. Increased purchasing was believed due to the price increase supposed to go into effect next month. This advance, however, was rescinded two weeks ago. Indications are that the market will remain at the low level it has held throughout this year until next July. The price increase was rescinded when one of the sellers was allegedly reported to have been accepting business for next month at the lower prices which were to have expired December 31.

Chrome Colors.—Purchases were light due to the seasonal inactivity. Producers were taking business for 1939 at the price levels that have been in force for some time. Next year's contracts are subject to quarterly adjustments.

Iron Blues.—Contracting for 1939 was active at a price of 36c. per pound. This price has been extended to cover the initial quarter of the new year.

Lithol Toners.—Contracting for next year is brisk with prices reduced 7c. per pound from the 1938 level. The 1939 schedule calls for 68c. per pound on open order, subject to quarterly adjustments. Other toners are unchanged in price.

Vermillion.—After enjoying a brisk demand the previous week, English vermillion slowed down considerably. The material is still being quoted at $1.50 to $1.59 per pound.

Varnish Gums

Demands on the present market moved sluggishly last week despite the recent reductions in price. A fair volume of contracting for 1939 is reported. Business suffered the expected seasonal inactivity and no heavy trading was looked for until the first quarter of next month.

Copals.—Most movements of stock were withdrawals against contract with little new business reported.

Dammars.—Recent lowering of prices in the dammar group did not influence the position of the present market. Increased activity is not expected until next month.

Shawnee DRY COLORS
Color Content Guaranteed
Chrome Greens
Chrome Yellows
Toluidine Reds
Para Reds Iron Blues
Lake Colors
Ultramarine Blue
KENTUCKY COLOR & CHEMICAL CO.
Incorporated
General Office and Works
LOUISVILLE, KENTUCKY
Offices and Agents in Principal Cities
Distillers of Coal Tar Products

Synthetic Resins

Price levels for ester gums remained at the low figure set a month ago. Despite this, however, sellers reported little demand for their products. Status of the negotiating of contracts for 1939 still remained indefinite.

Naval Stores

A steady or firm tone prevailed in Southern markets for rosin and turpentine last week although quiet conditions ruled much of the time so far as new business was concerned. There were reports of a fair movement into consuming channels on unfilled contracts but consumers and dealers were generally inclined to hold off or limit their takings to small lots as usual at this period when preparations for the work of inventory taking are under way. Business was suspended in primary markets on Friday and that day will also be observed this week as an extra year-end holiday.

In the opinion of some, quiet conditions are likely to prevail in Southern markets until something definite is known concerning the production program for the 1939 season. A committee of Southern representatives of the industry was in Washington last week in connection with the movement to secure sufficient funds from the government to cover production and marketing operations for all of next season. There appeared to be a feeling of confidence in local and Southern quarters as to the success of these efforts.

A further curtailment of marketing was noted last week and the indications seemed to point to a still lighter movement in the near future. According to some the quantity to come forward during the last quarter of the current naval stores season will probably be extremely light as the movement from the interior to the primary markets earlier in the year was very rapid. Stocks of rosin in the three principal markets in the South at the middle of December were close to 675,000 barrels.

Turpentine.—The local market had a steady or firm tone last week as the trend of prices was upward at times in primary centers where offerings were light following a further decrease in receipts. There was no broadening of trade here. Occasional inquiries were noted but purchasing by consumers and dealers was generally limited to small lots, the total movement of such quantities being unimportant.

CHICAGO, Dec. 23.—Turpentine buying is slow, with no change noted in the general market situation. Ruling prices are:—Five-drum lots, 30c. per gallon; five wood barrels, 35c.; single drums, 33c.; single barrels, 38.

THE BRADLEY STENCIL MACHINE

MACHINES TO CUT ½ in., ¾ in., 1¼ in., 1½ in. LETTERS
CUTS PAPER SHIPPING STENCILS
A. J. Bradley Mfg. Co.
101 Beekman Street New York

SAVANNAH, Dec. 23.—Turpentine was quiet. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Receipts.	Shipments.	Stocks.
*Saturday					
Monday	22½	21	112	1,035	52,061
Tuesday	23	15	231		52,292
Wednesday	23½	15	148	98	52,342
Thursday	24	23	110	40	52,412
*Friday					

* No trading.

JACKSONVILLE, Dec. 23.—The turpentine market had a steady tone. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Receipts.	Shipments.	Stocks.
*Saturday					
Monday	22½	15	179	3	48,548
Tuesday	23	12	196		48,744
Wednesday	23½	16	147		48,891
Thursday	23½		126	2	49,015
*Friday					

* No trading.

PENSACOLA, Dec. 17.—Turpentine receipts were moderate. Following is a record of the market for the week:—

	Barrels Receipts.	Shipments.	Stocks.
Monday	98		31,410
Tuesday	59	162	31,307
Wednesday	91		31,398
Thursday	34		31,432
Friday	86		31,518
Saturday	119	121	31,516

LONDON, Dec. 22.—Quotations on turpentine were as follows:—

	Per cwt. In bbls. s.	d.
Saturday	32	9
Monday	32	9
Tuesday	32	9
Wednesday	32	9
Thursday	33	3

Stocks of American turpentine in London were:—

	Dec. 23.	Previous week.	Last year.
Barrels	29,079	29,817	28,789

Rosin.—Price movements in the local market were generally within narrow limits last week, the prevailing tone being steady or firm in company with developments in primary centers. Production and marketing operations in the South showed a further decrease and daily offerings in primary centers were light. In the local market purchases were apparently limited to small or moderate lots for prompt shipment.

SAVANNAH, Dec. 23.—Changes in rosin quotations were generally moderate. Following is a record of the market for the week:—

	Price per unit—Low of range quoted *Sat.	Mon.	Tues.	Wed.	Thurs.	*Fri.
B		$3.70	$3.70	$3.70	$3.75	
D		3.95	3.95	4.00	4.00	
E		4.10	4.10	4.10	4.10	
F		4.25	4.30	4.30	4.30	
G		4.32½	4.37½	4.40	4.40	
H		4.32½	4.37½	4.40	4.40	
I		4.32½	4.37½	4.40	4.40	
K		4.32½	4.37½	4.40	4.40	
M		4.32½	4.40	4.40	4.40	
N		5.35	5.35	5.35	5.35	
WG		5.80	5.80	5.80	5.80	
WW		6.30	6.30	6.30	6.30	
X		6.30	6.30	6.30	6.30	
Sales		665	571	285	292	
Receipts		1,485	872	712	778	
Shipments		2,692	170	1,167	100	
Stocks		314,525	315,227	314,772	52,412	

(Sales, Receipts, Shipments, Stocks: Barrels)

* No trading.

JACKSONVILLE, Dec. 23.—Rosin was quiet, with offerings light. Following is a record of the market for the week:—

	Price per unit—Low of range quoted *Sat.	Mon.	Tues.	Wed.	Thurs.	*Fri.
B		$3.60	$3.60	$3.60	$3.60	
D		3.85	3.85	3.95	3.95	
E		3.95	4.10	4.10	4.10	
F		4.25	4.25	4.25	4.25	
G		4.32½	4.32½	4.32½	4.32½	
H		4.32½	4.32½	4.32½	4.32½	
I		4.32½	4.32½	4.32½	4.32½	
K		4.32½	4.32½	4.32½	4.32½	
M		4.35	4.35	4.35	4.35	
N		5.40	5.40	5.40	5.40	
WG		5.75	5.75	5.75	5.75	
WW		6.30	6.30	6.30	6.30	
X		6.40	6.40	6.40	6.40	
Sales		34	65	28		
Receipts		556	947	790	532	
Shipments		305	105		1,050	
Stocks		280,608	281,450	282,240	281,722	

(Sales, Receipts, Shipments, Stocks: Barrels)

* No trading.

PENSACOLA, Dec. 17.—Rosin was quiet and steady. Following is a record of the market for the week:—

	Barrels Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Receipts	426	345	398	313	588	477
Shipments	400	75	100			
Stocks	77,815	78,085	78,383	78,696	79,284	79,761

CHICAGO, Dec. 23.—Buying of rosin has been limited. Ruling prices at the close of business last night were:—B grade, $6.70 per lot of 280 pounds; G grade, $7.40; M grade, $7.40; W.W. grade, $9.30.

LONDON, Dec. 22.—Quotations on American rosin were as follows:—

	Per cwt. in barrels Common. s.	d.	W.W. s.	d.
Saturday	14	1½	19	0
Monday	14	1½	19	0
Tuesday	14	4½	19	3
Wednesday	14	4½	19	3
Thursday	14	4½	19	3

Pine Oil.—A fair movement into consuming channels was reported although new business was rather quiet as usual at this period of the year. The market retained a steady tone.

Pitch.—No broadening of business was reported, buying interest generally be-

mineral pigments
C.K. WILLIAMS & CO. DRY COLORS FILLERS EASTON PA.
NATURAL AND SYNTHETIC
PURE CHROMIUM OXIDES are STRONG - INERT - PERMANENT
C K WILLIAMS & COMPANY
EASTON·PENNSYLVANIA

ing limited to comparatively small or moderate quantities to fill the current needs of consumers. The tone remained steady.

Rosin Oil.—Quotations were generally held at the levels ruling in the previous week and the tone of the market was steady. There were reports of a fair inquiry for comparatively small or moderate lots.

Tar.—The local situation continued to be featured by a steady tone. Business was reported as quieter with the approach of the inventory taking period.

Shellac

Shellac markets at home and abroad were very quiet throughout the past week. Agents of the Calcutta shippers reported almost total lack of interest in offerings made during the period under review, and local suppliers to manufacturing consumers were unable to report more than the most limited sale of spot delivery material.

Basic prices in Calcutta were definitely on the firm side. Fluctuations were as narrow as at any time during the considerably remote past and it appeared that values were down to bedrock. Constant dwindling of the London shellac stocks was counted a strengthening factor in the general world situation, the stock being down to 98,600 packages from the approximate peak of 314,800 packages in warehouses as of January 1, 1935.

Outlook for new business during the first quarter of next year was said to be fairly encouraging. Buying has been light for some time and hence it was believed that actual need would force consumers into a more liberal approach to the market.

Calcutta, Dec. 23.—Shellac quotations on the landed New York basis, ex dock, net cash, were as follows:—

	Per pound—Dec. 23.	Dec. 16.
January	10½c.	10½c.

Day-to-day prices were as follows:—

	Per pound.
December 16	10½c.
December 17	10½c.
December 19	10½c.
December 20	10½c.
December 21	10½c.
December 22	10½c.
December 23	10½c.

London, Dec. 23.—Prices quoted on London standard T.N. shellac, basis of sterling exchange of $4.88, were as follows:—

	December 23—Shillings. Cwt.	Cents. lb.	December 16—Shillings. Cwt.	Cents. lb.
March	39½	8.61	39¾	8.66
May	40½	8.83	40¾	8.72

Day-to-day closing prices were as follows:—

	Per hundredweight—March.	May.
December 16	39s 9d	40s 9d
December 17	39s 9d	40s 9d
December 19	40s ..	41s ..
December 20	39s 9d	40s 9d
December 21	39s 9d	40s 9d
December 22	39s 6d	40s 6d
December 23	39s 6d	40s 6d

Lacquer Materials

Demand for lacquer materials and solvent continued steady last week. A lowering of the price schedule for 99 percent methyl acetate provided the price feature, quotations were reduced fractionally in the East and West, effective immediately. The contract price announced, effective January 3, for ethyl acetate in the Eastern territory, became the spot and contract price, and the fractionally lower quotations were now in effect, continuing on this basis for the first quarter of next year, subject to usual contract adjustments. The relatively high activity in the automotive industry continued to give support to the market in many directions. Output continued around the 100,000 units per week level. December sales were expected to come close or equal the November's showing. The seasonal letdown this winter is expected to be less severe. A less than seasonal dip is anticipated for January and February, with a large scale advance expected in March.

Acetone.—Withdrawals were held to steady levels in practically all instances throughout the week just closed. Pricewise the market remained unchanged, and sellers were reporting good progress in booking business for the early part of next year at current levels.

Butyl Acetate.—A steady to firm price tone remained in evidence. A moderate amount of business was uncovered from major consuming interests. Sellers were engaged in booking business for the first quarter at present quotations.

Cellulose Acetate.—Principal consumers displayed a good interest in the market from time to time. The lower quotation established recently was holding steady.

Diethyl Phthalate.—A moderate interest was uncovered in this direction during the period just ended. Pricewise nothing new developed, and quotations were expected to be carried into the early part of 1939.

Ethyl Acetate.—The spot and contract price for the 85 percent and 99 percent material was reduced 4-10c. per pound. The schedule follows:—85 percent, drums, car lots, freight allowed, 6.1c. per pound; less car lots, same basis, 6.6c. per pound and tanks 5.1c. per pound; 99 percent, drums, car lots, freight allowed, 6.85c. per pound; less car lots, same basis, 7.35c. per pound and tanks, 5.85c. per pound. Quotations are for Eastern territory alone.

Methyl Acetate.—Quotations for the 97-99 percent methyl acetate were lowered ¾c. per pound. Quotations follow:—Car lots, drums, east of Mississippi, 7¼c. per pound; less car lots, drums, 7¾c. per pound and tanks, 6¼c. per pound. Prices west of the Mississippi River are generally 1c. per pound higher. Above prices are f.o.b. producing points, freight allowed on single 55-gallon drums or more to city of destination.

Driers

Manufacturers of stearates and palmitates announced last week that the prices listed at present would stand unchanged for the first quarter of the new year. In the meantime there has not been much material moved against contracts that expire at the end of this month. Contracts for 1939 are beginning to be negotiated.

Glues and Binders

Casein.—The market for this material was strong last week with many sellers quoting a price of 8½c. to 9c. per pound for carloads of the 20-30 mesh. This was an increase of ½c. over the levels of the previous weeks. The 80-100 mesh material continued to be quoted at ½c. per pound additional. Although production is below normal, a pick-up in the demands on producers was noted.

National Lead Promotes McNair and R.P. Rowe

—Continued from page 4

ment at Cincinnati, has been appointed an assistant manager of the branch. Mr. McCarthy, who joined the company in 1935, had been manager of the sales promotion department before becoming white lead sales manager.

Thomas Kerfut has been made assistant treasurer and Harold C. Wildner an assistant comptroller of the company succeeding to positions formerly held by H. O. Bates, secretary of National Lead Company. Mr. Kerfut joined National Lead Company in 1907 in the accounting and transfer departments, entering the treasurer's office in 1927. Mr. Wildner has been a traveling auditor for the company since 1921, except for three years with the Newton Die Casting Company before its sale in 1932.

Louisville Production Club Hears About Flat Paints

The December meeting of the Louisville Paint and Varnish Production Club was addressed by Robert Trautman of the Krebs Company on "Flat Paints." The problem in formulating was presented. Binder ratios were stressed, particularly as regards sheen, porosity, enamel hold out and washability. Variables due to types of oil were illustrated by charts and graphs, likewise the effect of water sensitivity and certain suspending agents. In conclusion, limits of pigment binder ratio were recommended for various white pigments. The Paint Club has been invited to the January meeting.

Pratt & Lambert Gives Annual Christmas Party

Employees and officials of Pratt & Lambert, Inc., paint and varnish manufacturers, assembled December 23, in Buffalo, Chicago and New York for their annual Christmas party. A turkey was presented to each employee. Fort Erie, Ontario, plant employees joined those gathered in the company's administration building in Buffalo. Watches were presented for twenty years' service, and bar pins and cuff links were awarded for ten years' service. Harold E. Webster, president of the company, made the presentation of awards, following a brief address concerning company matters and business conditions.

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NATIONAL ROSIN OIL AND SIZE COMPANY
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ALUMINUM - ZINC - CALCIUM
Established Qualities Manufactured for twenty years by
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For your every need...
IMPERIAL BLACKS
• EXCELLO
• EXCELLO X
• EXCELLO 2X
• EUREKA
• INTENSO
• SUPERTONE
• IMPERIAL 50
• IMPERIAL 88
UNIFORM QUALITY
No matter what you make—paints, enamels or lacquers—there is an IMPERIAL Carbon Black to suit your purpose. Each is a product of rigid laboratory control, each is easy to work and unquestionably most economical.
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We have issued a comprehensive chart showing the physical and chemical characteristics of Imperial colors. The information is based on thorough and careful tests and is tabulated to save considerable time and enable you to get best results in various formulations. If you are not now using this chart
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The largest manufacturers of chemical pigment colors in America
Please send me without obligation a copy of "Characteristics of Imperial Colors."
My Name..... *Company*.....
Address.....OPD

Trade Briefs

Seiberling Rubber Company, Akron, annual meeting has been postponed from December 19 to February 14.

Basrah Petroleum Company, recently formed by British interest with a $5,000,000 capital, has been granted an oil concession by the Irak government.

H. Grady Meador, division manager of the Gulf Refining Company, has been elected first vice-president of the New Orleans Association of Commerce.

A. P. W. Paper Company, Albany, stockholders approved December 15 an increase in the authorized common stock from 268,500 shares to not exceeding 730,000 shares.

Soap factory and paint shop are included in the alterations and other improvements to be made at the Maryland House of Correction. Bids will be opened December 30.

Morris C. Swope has resigned from the Alex. C. Fergusson Company, Philadelphia, to accept the position as sales manager for Montgomery Bros., manufacturer of rubber cements, Philadelphia.

McCormick & Co., spices and insecticides, Baltimore, will hold a series of conferences during the holiday period for its division managers, district officers and salesmen from all parts of the country.

Solvay American Corporation will draw from holders of record January 5, 1939, for redemption on February 15, 1939, at $110 a share and accrued dividends 2,020 shares of 5½ percent cumulative preferred stock.

Medicinals and toilet preparations manufacturers in Nicaragua have been listed by the Bureau of Foreign and Domestic Commerce, Washington. The list is available to accredited American firm at 10 cents per copy.

Chemical importers in Portuguese East Africa have been listed by the Bureau of Foreign and Domestic Commerce, Washington. The list is available to accredited American firms at 10 cents per copy.

Medicinal and toilet preparation importers and dealers in Turkey have been listed by the Bureau of Foreign and Domestic Commerce, Washington. The list is available to accredited American firms at 10 cents per copy.

General Petroleum Corporation has received from the Superior Court, Los Angeles, a writ of mandate compelling the Long Beach Board of Harbor Commissioners to grant it an oil-drilling permit on 12 acres of Long Beach harbor frontage.

C. E. Reistle, jr., of the Humble Oil & Refining Company, Houston, Tex., has been appointed 1939 chairman of the program committee of the American Petroleum Institute's division of production central committee on drilling and production practice.

L. E. Warren, of the Bureau of Chemistry of the Department of Agriculture, addressed the Maryland section of the American Chemical Society December 16 on "The Influence of the Association of Official Agricultural Chemists on Analytical Chemistry."

British Oxygen Company, Ltd., London, is said to have abandoned its plans for production of calcium carbide in South Wales. However, it is reported that another scheme is under negotiation by other interests for erection of a plant in North Wales.

National Association of Insecticide and Disinfectant Manufacturers has retained Henry C. Fuller, Washington, to act as special advisor in 1939 to the association on technical and legislative matters. Robert Wilson, this city, is being retained as special counsel.

Firmenich & Co., American distribution of Chuit-Naef aromatic materials, this city, has engaged Edgar R. Ellis as salesman in the metropolitan district. Mr. Ellis, recently a member of the editorial staff of the REPORTER, has been connected with the chemical trades for a number of years.

Watson Heads Calif. Oil Ass'n

C. P. Watson, vice-president of Seaboard Oil Company of Delaware, has been elected president of the California Oil and Gas Association. L. P. St. Clair, chairman of the Union Oil Company of California, and R. E. Collom, vice-president of the Continental Oil Company, were re-elected vice-presidents.

Chlorine Price Pacts Prohibited by F.T.C.

—*Continued from page 3*

vania Salt Manufacturing Company, Philadelphia, and the Solvay Sales Corporation, New York.

The order directs that these companies cease and desist from entering into any understanding, agreement, combination and conspiracy between and among any two or more of them, and from continuing any such compacts heretofore entered into among themselves for the purpose of fixing and maintaining uniform prices or enhanced uniform prices. The order also prohibits the respondents from combining and agreeing in the same manner to divide the United States into zones for the sale of their product at uniform prices, or at enhanced uniform prices.

Koppers Promotes Becker

Joseph Becker, vice-president and a director of Koppers Company, Pittsburgh, Pa., also has been made president of Koppers-Rheolaveur Company, designers and builders of coal washing plants. W. S. McAleer, manager of Koppers-Rheolaveur, has been made a vice-president and director of the company. Mr. Becker also is general manager of Koppers Company's engineering and construction division. He has been with the company since its beginning and has been an official since 1920. He is the inventor of the Koppers Becker type of coke oven and of processes for the recovery of derivatives in the manufacture of gas and coke. Mr. McAleer joined the former Koppers Construction Company (now the Engineering and Construction Division of Koppers Company) as an engineer in 1926. He joined the sales department in 1930. He was made manager of Koppers-Rheolaveur last July.

Some New Books

Asphalt Handbook

Asphalt Pocket Reference for Highway Engineers. By Prevost Hubbard and Bernard E. Gray. Stiff paper bound, 237 pages, 5¾x3¼ inches. Asphalt Institute, New York.

This volume, another revision of a handbook which made its first appearance in 1923, assembles in condensed form the essential information concerning asphalt and its use in those fields which are of principal interest to engineers.

The subject matter of this handbook includes information concerning asphalt itself, its application as a surfacing or pavement material for roads, floors, tracking, airport runways and tennis courts; as an ingredient of compositions used in river bedding and jetty construction; and a discussion of modern equipment for handling asphalt. A number of useful tables are placed in the rear of the volume.

Chemical Engineering Catalog

Chemical Engineering Catalog: 1938. Cloth; 1033 pages, 8¾ by 11 inches. Reinhold Publishing Corporation, New York. $10.

This is the twenty-third annual edition of a catalog presenting in detail information on equipment utilized in production and processing in the chemical and allied industries. As in former years, the descriptive copy is restricted to actual technical data. The complete catalog includes three principal sections: equipment and supplies, chemicals and raw materials, and technical and scientific books; and a directory of trade names.

Added to the volume this year are sixteen pages of nomographs and charts supplied by various commercial firms and educational and research institutions. In separate form is a complete directory of suppliers of laboratory and reagent chemicals. The book section has been brought up to date, constituting a most comprehensive bibliography of chemical technology. Truly, with its wealth of information on every page, a copy of this work should be a "must" in the library of the plant manager or chemical engineer of every manufacturing establishment.

Latin American Trade Help

Spanish-English Technical & Engineering Dictionary. By R. L. Guinle. Cloth; 311 pages, 6½ by 10 inches. New York; Chemical Publishing Company of New York, Inc. $4.

No more opportune time than the present could have been chosen for the introduction of this volume, for currently, more than ever before, the fact is being driven home from all sides that the countries to the south of the United States offer trade opportunities unrivalled by any other section of the world. This modern Spanish-English and English-Spanish dictionary is meant as an aid in the translation of communications incident to business relations with the Spanish-speaking countries.

Written by an engineer with more than two decades of consulting experience in South American countries, with the assistance of an eminent professor of engineering in Madrid University, this dictionary contains all the words used in the major divisions of engineering. In addition to listing all the words encountered in civil, electrical and mechanical engineering, it also defines most of the terms in the fields of chemistry, physics, geology, metallurgy, and agriculture.

The majority of the terms found in this work were taken from the numerous tenders, specifications, catalogs, and reports the author has translated in dealing with private customers and governments of South America. They represent, therefore, a faithful reproduction of the actual expressions used in business and cultural relations with the numerous countries where Spanish is spoken.

Accuracy in the translation of every technical phrase was uppermost in mind during the preparation of the dictionary. Almost as important was the desire to simplify utilization of the book. In line with the latter, the correct gender for every Spanish substantive is given in the English-Spanish part and all words are correctly accentuated in accordance with the latest edition of the Spanish Academy's dictionary, the supreme authority on the subject.

Current Market Quotations

Yellow—Zirconium

—*Continued from page 21*

Yellow, ochre, French, all shades, cks., c.l., ex dock Balto, Boston, N. Orleans, for import	lb.	.02475	—
New York (f.o.b.)	lb.	.02½	—
Philadelphia, for import	lb.	.02¾	—
Portland, Seattle	lb.	.03	—
San Pedro, S. Francisco	lb.	.0290	—
l.c.l., ex dock, Balto, Boston, N. Orleans	lb.	.02575	—
New York	lb.	.02½	—
ex-dock Phila., for import	lb.	.02¾	—
Portland, Seattle	lb.	.03½	—
San Pedro, S. Francisco	lb.	.03	—
ex whse., Balto., Boston, N. Orleans	lb.	.02725	—
Chicago, E. St. Louis, Ind'polis, K. City, Milwauk., St. Louis,	lb.	.03¾	—
Minneapolis	lb.	.03½	—
New York	lb.	.02¾	—
Pittsburgh	lb.	.03¾	—
Portland, Seattle	lb.	.03¾	—
San Pedro, S. Francisco	lb.	.03½	—
f.o.b. N. Y., from dock,	lb.	.02¾	—
from whse.	lb.	.02¾	—
Oxide, nat., bbls., c.l., f.o.b. Bethlehem Easton, N.Y.	lb.	.04½	—
l.c.l., same basis	lb.	.04¾	—
synth., bbls., c.l., works	lb.	.06½	—
l.c.l., same basis	lb.	.04¾	—
Persian orange (see O).			
Zinc, bbls., same basis chrome CP. contracts	lb.	.15	—
open order	lb.	.19	—
Yellow dock root, bls.	lb.	.09	.10
Yellow root (xanthorisa), bls.	lb.	.09	.10
Yerba santa leaves, bls.	lb.	.08	.08½
Yohimbine hydrochloride, vls.	oz.	2.50	2.85

Z

Zinc acetate, tech., bbls., dvld.,	lb.	.21	—
USP, bbls., 250 lbs.	lb.	.27	—
kgs., 100 lbs.	lb.	.29	—
Arsenate, bgs., cs., c.l., dealers, E. of Rockies	lb.	.12½	—
c.l., bgs., cs.	lb.	.13	—
E. of Rockies	lb.	.12½	—
W. of Rockies, bgs.	lb.	.12½	—
Arsenite, bgs., cs., c.l., dealers, l.c.l., bgs., cs.	lb.	.13	—
W. of Rockies, bgs.	lb.	.12⅞	—
Zinc arsenate and arsenite prices are works or whse. basis, frt. alld. to dest. in lots of 98 lbs. or over; no frt. or truck, allowance for plant or whse. pick-up.			
Carbonate, tech., bbls.	lb.	.14	.15
USP, precip., powd., bbls.	lb.	.31	—
dms.	lb.	.36	—
kgs.	lb.	.33	—
Chloride, fused, dms., c.l., works	100 lbs.	4.25	—
l.c.l., works	100 lbs.	4.60	—
gran., dms., c.l., works, 100 lbs.		5.00	—
l.c.l., dms., works	100 lbs.	5.75	—
USP, 200-lb. dms.	lb.	.25	—
25-lb. jars	lb.	.31	—
solut., dms., wks.	lb.	.04½	—
tanks	lb.	.0226	—
Zinc, cyanide, kgs., works	lb.	.33	—
Dust, bbls., c.l., dlvd.	lb.	.06½	—
l.c.l., bbls., dlvd.	lb.	.07	—
Fluoride, bbls.	lb.	.20	.25
Iodide, N.F., bots.	lb.	4.35	—
jars	lb.	4.20	—
Zinc, metal (see daily quotations in Market report)			
Oxide, pigment, dom., Amer., process, coml., lead free, bgs., c.l., dlvd.	lb.	.06¼	.07½
l.c.l., dlvd., except Pac. cst.	lb.	.06½	.07¾
ex whse., Pac. cst.,	lb.	.06½	.07¾
bbls., c.l., dlvd.	lb.	.06½	.07¾
l.c.l., dlvd., except Pac. cst.	lb.	.06¾	.08
ex whse., Pac. cst.	lb.	.06¾	.08
leaded, 5%, bgs., c.l., dlvd.	lb.	.06¼	—
l.c.l., dlvd., except ex whse., Pac. cst.	lb.	.06¾	—
bbls., c.l., dlvd.	lb.	.06¾	—
l.c.l., dlvd., except Pac. cst.	lb.	.06¾	—
ex whse., Pac. cst.	lb.	.06¾	—
35% bgs., c.l., dlvd.	lb.	.06	—
l.c.l., dlvd., except Pac. cst.	lb.	.06¼	—
ex whse., Pac. cst.	lb.	.06¼	—
bbls., c.l., dlvd.	lb.	.06¼	—
l.c.l., dlvd., except Pac. cst.	lb.	.06½	—
ex whse., Pac. cst.	lb.	.06½	—
50%, bgs., c.l., dlvd., except Pac. cst.	lb.	.0606	—
Pac. cst.	lb.	.0612	—
l.c.l., dlvd., except Pac. cst.	lb.	.0631	—
ex whse., Pac. cst.	lb.	.0631	—
bbls., c.l., dlvd.	lb.	.0631	—
l.c.l., dlvd., except Pac. cst.	lb.	.0656	—
ex whse., Pac. cst.	lb.	.0656	—
French process, com'l, lead-free, bgs., c.l., dlvd.	lb.	.06¼	.07½
l.c.l., dlvd., except Pac. cst.	lb.	.06½	.07¾
ex whse., Pac. cst.	lb.	.06½	.07¾
bbls., c.l., dlvd.	lb.	.06½	.07¾
l.c.l., dlvd., except Pac. cst.	lb.	.06¾	.08
ex whse., Pac. cst.	lb.	.06¾	.08
green seal, bgs., c.l., dlvd.	lb.	.08	—
l.c.l., dlvd., except Pac. cst.	lb.	.08¼	—
ex whse., Pac. cst.	lb.	.08¼	—
bbls., c.l., dlvd.	lb.	.08¼	—
l.c.l., dlvd., except Pac. cst.	lb.	.08¼	—
ex whse., Pac. cst.	lb.	.08½	—
red seal, bgs., c.l., dlvd.	lb.	.07½	—
l.c.l., dlvd., except Pac. cst.	lb.	.07¾	—
ex whse., Pac. cst.	lb.	.07¾	—
bbls., c.l., dlvd.	lb.	.07¾	—
l.c.l., dlvd., except Pac. cst.	lb.	.08	—
ex whse., Pac. cst.	lb.	.08	—
white seal, bgs., c.l., dlvd.	lb.	.08¼	—
l.c.l., dlvd., except Pac. cst.	lb.	.08¾	—
ex whse., Pac. cst.	lb.	.08¾	—
bbls., c.l.	lb.	.08¾	—
l.c.l., dlvd., except Pac. cst.	lb.	.09	—
ex whse., Pac. cst.	lb.	.09	—
import, gold seal, cks., ex whse.	lb.	.13	.14
green seal, bbls., ex whse.	lb.	.10	—
white seal, cks., ex whse.,	lb.	.11	.12½
USP, bbls., c.l.	lb.	.09¼	—
Palmitate, bbls.	lb.	.23	.25
Resinate, fused, pale, bbls.	lb.	.10	—
precip., dms., dlvd.	lb.	.15	—
Stearate, tech., precip., bbls., ctns., c.l.	lb.	.20	—
l.c.l., 1 ton.	lb.	.21	—
1,000-2,000 lbs.	lb.	.22	—
less than 1,000 lbs.	lb.	.23	—
U.S.P., bbls.	lb.	.21	.23
Sulphate, cryst., bgs., c.l.	100 lbs.	2.75	—
l.c.l.	100 lbs.	3.50	—
bbls., c.l.	100 lbs.	2.90	—
l.c.l.	100 lbs.	3.65	—
flake, bgs., c.l.	100 lbs.	3.10	—
l.c.l.	100 lbs.	3.85	—
bbls., c.l.	100 lbs.	3.25	—
l.c.l.	100 lbs.	4.00	—
l.c.l.	100 lbs.	5.10	—
bbls., c.l.	100 lbs.	4.50	—
l.c.l.	100 lbs.	5.25	—
Zinc sulphide, bgs., c.l. (20 tons), dlvd.	lb.	.08¼	—
l.c.l., dlvd. E. or ex whse., Pac. cst.	lb.	.08¾	—
bbls., c.l. (20 tons), dlvd.	lb.	.08¾	—
l.c.l., dlvd. E. or ex whse., Pac. cst.	lb.	.08¾	—
Sulphocarbolate, NF, bbls.	lb.	.24	.26
Zinc-ammonia chloride, dms., c.l., works	100 lbs.	5.15	—
l.c.l., works	100 lbs.	5.50	—
Zinc-iron oxide, pigment, bgs., c.l., dlvd.	lb.	.05	—
l.c.l., dlvd., except Pac. cst.	lb.	.05½	—
ex whse., Pac. ct.	lb.	.05½	—
Zirconium nitrate, kgs., works	lb.	3.00	4.00
Oxide, crude, 73-73%, grd., bbls., works	ton.	75.00	100.00
kgs., small lots, works	lb.	.04¼	.04½
white, 98%, rgd., kgs., works,	lb.	1.40	1.52

Synthetic Resins

and other

Branded Paint Materials

(Manufacturers' List Prices)

Note:—The list of prices previously printed weekly under the above heading is now printed once a month. The latest printing was in the December 5 issue; the next printing will be in the January 2 issue. Changes in prices—if any—made during the past week are noted in the report on the Paint, Varnish and Lacquer Materials Market, which begins on page 35.

Oils, Fats, and Waxes

Chinawood Oil Higher Abroad and Here—Perilla Firmer—Refined Fish Oils Again Advanced—Linseed Easier—Cottonseed Oil Irregular—Large Hog Supplies Indicated

Trade in miscellaneous oils, fats and greases was quiet last week. Inquiries were generally confined to small quantities to fill the current needs of consumers, and the movement of such lots for the week was apparently lighter than in the previous period. Offerings of many products were limited, however, and advances in prices were more numerous than reductions. A development of interest was the publication of the December official estimate of the pig crop. This was bearish, pointing to a considerable increase in supplies for 1939.

Chinawood oil again moved upward in domestic markets following a further advance in quotations abroad. Higher prices were also demanded in some local quarters for perilla oil. Olive oil met with a fair demand in a jobbing way and the market was firmer. Offerings of corn oil were light and the market was firmer though quiet. New developments in coconut oil were lacking, the market being quiet and steady.

Refined fish oils were advanced by local sellers, the stronger situation being regarded as a reflection of recent developments in crude oil, the latter being firm with offerings still reported as light. Quotations on animal oils were generally held at former levels. Changes in cash lard were moderate in company with futures. Tallow offerings were lighter and the market was steady though quiet.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Chinawood oil, ½c. per lb.
Corn oil, ½c. per lb.
Menhaden oil, refined, 2-10c. per lb.
Olive oil foots, ½c. per lb.
Perilla oil, ½c. per lb.
Sardine oil, crude, ½c. per gal.
Sardine oil, refined, 2-10c. per lb.

Reduced

Beeswax, African, 1c. per lb.
Carnauba wax, No. 3, chalky, 2c. per lb.
No. 3, N. C., 1½c. per lb.
refined, 1½c. per lb.
No. 1, yellow, 1½c. per lb.
No. 2, yellow, 1c. per lb.
Lard, Western, 10c. to 15c. per 100 lbs.
Lard compound, 25c. per 100 lbs.
Linseed oil, 2-10c. per lb.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
101.7	**101.5**	**101.5**	**118.8**

Market news that may have developed after this report was sent to press will be found on page 4.

Vegetable Oils

Chinawood.—The domestic situation continued to be featured by a firm tone as strengthening advices were again received from abroad, where the trend of prices was upward at times with offerings reported as light. Business here was quieter. Inquiries were not entirely lacking but the recent advance in prices had a tendency to make buyers hold off. The approach of the year-end holidays and the inventory-taking period also had the effect of curtailing buying interest. Some business was reported to have been closed in spot oil, however, at around 15c. per pound in tankcars.

Coconut.—A steady tone continued to prevail in domestic markets for crude oil although there was apparently no change in the attitude of consumers. There was nothing stimulating in the way of market developments abroad or in competing products here and buyers were inclined to hold off. The movement into consuming channels on unfilled contracts was also apparently limited. Refined oil remained quiet with quotations maintained at previous levels. According to an official report, importations of coconut oil from the Philippine Islands from January 1 to December 3 were 326,891,038 pounds, or 73 percent of the allowable quota.

Corn.—Crude oil was firmer, lack of inquiry of importance being offset by light offerings. There was a fair request for refined oil and the market had a firmer tone. According to the final government crop report, production of corn for all purposes during 1938 was 2,542,238,000 bushels against 2,651,284,000 bushels in the previous season.

Cottonseed.—Refined oil was steady, quotations being held at former levels. There was a fair movement into local and other consuming channels. Foreign oil was generally nominal in the absence of any increase in offerings.

Mustard.—The market retained a steady tone, quotations being held at previous levels. There was a fair inquiry.

Olive.—Business in foots lacked snap but the inquiry for moderate lots was fairly active and the market had a firmer tone, quotations being advanced ⅛c. by some sellers. Denatured oil also met with a fair demand in a jobbing way and the market was firm.

Peanut.—A steady tone prevailed in Southern markets for crude oil. According to the final government report the production of peanuts harvested for nuts in 1938 was 1,424,825,000 pounds, the largest crop on record.

Perilla.—Spot oil was firmer, prices being advanced about ⅛c. to ¼c. per pound by some sellers. There was a fair demand. Spot stocks in some circles appeared to be small.

Soybean.—Demand was fair and the market retained a steady tone. According to the final government report the 1938 acreage of 6,858,000 acres of soybeans planted alone sets a new high record, and because of the large hay cropt a larger than usual percentage of the soybean acreage was harvested for beans. Fall weather was favorable for maturity and harvesting and the production was 57,665,000 bushels.

Markets at Other Centers

Chicago, Dec. 23.—Activity in the general vegetable oil market has been somewhat spotty. Price trends have been irregular.

COCONUT.—Coast basis, December-forward, 2½c. to 2¾c. per pound. Refined edible oil, 8¼c. to 8½c., barrels, car lots; and 8½c. to 9c., barrels, less than car lots.

CORN.—Crude, low acid, 6½c. to 6⅝c. per pound, partly nominal. Refined edible oil, 9c. to 9½c., barrels, car lots; and 9½c. to 10c., barrels, less than car lots.

CHINAWOOD.—Ruling nominal, 15.9c. to 16c. per pound, spot, and 14.7c. to 14.8c., deferred.

PEANUT.—Crude, 6½c. to 6⅝c. per pound, partly nominal.

SOYBEAN.—Crude, mills, 5c. to 5¼c. per pound.

The market for soybeans on the Chicago Board of Trade was quieter, speculative interest in futures being lighter than recently, and demand for cash beans also showing some falling off. Prices were irregular, the tone being firmer early in the week, with a reactionary tendency later on. Receipts were moderate. Following is a price record, per bushel, for the week:—

	High.	Low.	Closing Dec. 23.	Closing Dec. 16.
Cash, No. 2..	$0.81	$0.80	$0.80½	$0.81
May	.81⅝	.79¾	.81	.81¼
July	.81⅞	.80	.81¼	.81½

San Francisco, Dec. 20.—There is not much snap in the general market for vegetable oils and some of the oils occupy a purely nominal position. Inquiry as a rule has been only moderate and sellers on the other hand are not pushing to any extent.

Ruling prices are:—

COCONUT.—Crude oil, 2⅝c. per pound in tankcars, f.o.b. Pacific Coast ports and/or mills for delivery into the middle of next year. Some resale oil is said to have beeen present in the market at 2½c.

CHINAWOOD.—Stronger. Quoted on today's market at from 14½c. to 14.8c. per pound in tankcars, f.o.b. Pacific Coast ports, with both prompt and deferred shipment available. Sales have beeen moderate, with Hongkong offerings light.

BABASSU.—Quoted on the basis of 2⅝c. per pound in tankcars, f.o.b. mills, Pacific Coast.

PERILLA.—Crude perilla oils is quoted on the basis of 9c. per pound in tankcars, for prompt or deferred shipment, f.o.b. San Francisco.

RAPESEED. — Refined and denatured rapeseed oil is quoted on the basis of 5⅝c. per pound in tankcars, f.o.b. Pacific Coast ports for shipment from the Orient.

TEASEED.—Foreign suppliers are quoting on the basis of 7½c. per pound in tankcars, f.o.b. San Francisco, January/February shipments for normal acid teaseed oil.

COPRA.—Crushers here found themselves in a position of being able to purchase moderate lots on the basis of 1.70c. per pound, c.i.f. Pacific Coast ports, with general offerings usually fractionally higher. Suppliers at sources last week reported world demand as very slow for the present.

Linseed Oil

Foreign and domestic markets for flaxseed were irregular. Linseed oil easier. Cake and meal steady.

Flaxseed—DULUTH, Dec. 23.—With demand steady but not insistent, flax maintains a strong stand on this market and in Minneapolis. The commercial demand is good, and receipts have vanished for the time at least. In fact, it is probable that there is not much more to receive, as the crop was pretty well used up in the fall. Reports on grasshopper prospects are not as bad as a year ago. More active plans are in operation to get an early start on the pests, and conditions seem more favorable for their extermination.

The week's closing price range was as follows:—

	Cash.	Dec.
Saturday	$1.91½	$1.89
Monday	1.93	1.90½
Tuesday	1.94½	1.91½
Wednesday	1.93	1.90
Thursday	1.94	1.90
Friday	1.94	1.86

Crop movement in bushels follows:—

	Receipts 1938.	Receipts 1937.	Shipments 1938.	Shipments 1937.
This week..	83	....	....	27,613
Since Aug. 1...	1,358,502	1,056,939	1,289,019	1,125,520

MINNEAPOLIS, Dec. 23.—Except for the avidity of demand for cash offers there was little feature to the local situation of the week. One of the smaller crushers stepped out and bid premiums up sharply and other buyers refused to follow competition very far. Offers were light from day to day and entirely inadequate for even light current local requirements. Shipping advices from the country are

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

STEARIC ACID
Single Pressed and Double Pressed
Now available in either cake or flake form
Triple Pressed
IVORY BRAND

RED OIL
(OLEIC ACID)
RUBY OLEINE BRAND *(distilled)*
STAR BRAND
(saponified)
CANARY BRAND
(very pale yellow, especially suitable for best types of dry cleaners' soaps.)

PROCTER & GAMBLE
MAIN OFFICES
Gwynne Bldg., Cincinnati, Ohio
205 E. 42nd St., New York City
Branches and stocks in all large cities

CHINA WOOD OIL
WAH CHANG TRADING CORPORATION
SPOT Woolworth Building New York, N. Y. FUTURE

A. GROSS & CO.
We Specialize in WHITE OLEINE
Since 1837 Manufacturers of Saponified and Distilled
FLAKE STEARIC ACID STEARIC ACID RED OIL
FATTY ACID GLYCERINE
STEARIC and BEESWAX CANDLES CHURCH ACCESSORIES
Sales Office: 122 East 42nd Street New York
Factories: Newark, N. J., and Baltimore, Md.

ASK WECOLINE *before You Buy*
WHITE DISTILLED
FATTY ACIDS
• COCONUT • CORN
• SOY BEAN • LINSEED
• WHITE OLEIN • LAURIC
• SPECIALTY FATTY ACIDS
Factory: Boonton, N. J.
Sales Offices - - New York City and Chicago
WECOLINE PRODUCTS INC.

W. C. HARDESTY CO., Inc.
41 East 42nd Street New York
RED OIL STEARIC ACID
Saponified - Distilled
HYDROGENATED FATTY ACIDS (HYDREX)
Cottonseed Oil Fatty Acids Coconut Oil Fatty Acids
Palm Oil Fatty Acids Corn Oil Fatty Acids
Lauric Acid Specialty Fatty Acids
Glycerine - Pitch - White Oleine
FACTORIES: Dover, Ohio Los Angeles, Calif. - Toronto, Canada
CALIFORNIA OFFICE: 5636 East 61st Street, Los Angeles
Cable Address "EPILOGUE"

small so no important movement can be expected after the turn of the year.

The final government report of the season had no effect on sentiment but strength displayed by cash markets did as crushers were more prone to hedge oil sales in the pit instead of paying an excessive premium for cash seed. Receipts to date indicate a fairly close clean-up of the crop, beyond seeding requirements. During the past week there was no seed house demand in the cash department, but line elevator reports indicate conservation of a fair supply of choice seed in interior houses.

Local elevator stocks evened up in four days. So far none of the delivered flax has been moved out of town. Shipping sales were made for delivery after the turn of the year and a more rapid decline in totals is expected then. Private bin stocks are decreasing steadily because of requirements that are in excess of the current in-movement.

The week's closing price range was follows:—

	Cash.	Dec.	May.
Saturday	$1.96½	$1.83½	$1.83½
Monday	1.98	1.85	1.85
Tuesday	1.99½	1.87	1.86½
Wednesday	1.98	1.85½	1.85
Thursday	1.98	1.86½	1.86
Friday	1.97	...	1.86

Crop movement in bushels as follows:—

	Receipts		Shipments	
	1938.	1937.	1938.	1937.
This week..	27,220	66,680	20,600	46,570
Since Sept. 1	2,739,590	2,939,710	393,749	559,222

WINNIPEG, Dec. 23.—The market for flaxseed futures was quiet. Cash trade was also slow. The week's closing price range was as follows:—

	Cash.	Dec.	May.
Saturday	$1.44	$1.44	$1.39
Monday	1.44¼	1.44½	1.39⅞
Tuesday	1.43	1.43	1.39⅞
Wednesday	1.42¾	1.42¾	1.38¾
Thursday	1.40	1.40	1.39¼
Friday	1.40	1.40	1.39¼

BUENOS AIRES, Dec. 23.—Opening prices per bushel on February contracts were:—

	Last week.	Last year.
Saturday	$1.08¼	$1.29⅝
Monday	1.08¼	1.29⅝
Tuesday	1.07⅞	1.30⅜
Wednesday	1.07¼	1.26⅜
Thursday	1.07⅞	1.26½
Friday	1.07⅞	...

Exports

To—	Bushels Last week.	Previous week.	Last year.
United States	295,000	382,000	.....
United Kingdom	12,000	.....	.....
Continent	504,000	598,000	.....
Orders	693,000	.....	.....
Others	20,000	.....	.....
Totals	1,524,000	980,000	.....

Since January 1

To—	Bushels This year.	Last year.
United States	13,599,000	.....
United Kingdom	1,293,000	.....
Continent	24,035,000	.....
Orders	10,614,000	.....
Others	1,882,000	.....
Totals	51,423,000	.....

Visible Supply

	Bushels.
Last week	1,969,000
Previous week	1,575,000

INDIA.—Exports of flaxseed from India last week were as follows:—

To—	Bushels Last week.	Previous week.	Last year.
United Kingdom	324,000	8,000	40,000
Continent	4,000	.....	.....
Others	.....	.....	8,000
Totals	328,000	8,000	48,000

Since April 1—	Bushels This year.	Last year.
United Kingdom	8,528,000	6,479,000
Continent	780,000	268,000
Others	396,000	916,000
Totals	9,704,000	7,663,000

• OILS •
CHINA WOOD OIL
PERILLA OIL
SARDINE OIL
SPOT FUTURE
L. N. JACKSON & CO., Inc.
29 Broadway New York, N.Y.

HULL, Dec. 22.—Quotations on flaxseed were:—

	Per ton— La Plata.	Bombay.
Saturday	£10⅞	£12⅜
Monday	10⅞	12⅜
Tuesday	10⅞	12⅜
Wednesday	10⅞	12⅜
Thursday	10⅞	12⅜

Linseed Oil.—The local market for linseed oil had an easier tone last week, this apparently being due more to a lack of demand and keener competition among sellers than to any material change in the flaxseed situation, variations in seed quotations during the period being within moderate limits. Quotations on oil were reduced two points by some crushers to 8.1c. per pound in tankcars, and it was intimated that this figure could be shaded by two points.

Not only was new business slow, as usual at this period of the year, but there was also some falling off in withdrawals on contracts previously placed. Advices from outside points reported a slowing down of trade. Demand for cash flaxseed in domestic markets held up well, and the light offerings were well absorbed.

In an official report issued early in the week the production of flaxseed in this country for 1938 was put at 8,171,000 bushels, which is 15 percent larger than the 1937 crop, but only 59 percent of the ten-year average of 13,751,000 bushels. The first official estimate of the crop in Argentina for the current season put the yield at 63,779,000 bushels, against the final figures for the previous year of 61,560,000 bushels.

Receipts of flaxseed at New York last week were 517,529 bushels.

MINNEAPOLIS, Dec. 23.—The linseed oil situation is somewhat out of the ordinary this holiday season. Demand for immediate shipment is nil but there is a fairly active call for supplies to be shipped in January. In addition there is broader inquiry than usual, out of proportion with actual trade for nearby delivery in the new season. Buyers as yet have not been converted to a really bullish perspective but at the same time they show less and less inclination to take their foot off of the base and even feign indifference.

Small lot trade is very quiet for the moment but is expected to pick up at the turn of the year. Cooperage car lots are being bought for early new year shipment. Generally speaking, there is a decided tendency to keep supplies at a minimum until after inventories. Mills are still running at approximately 45 percent of capacity. They will shut down the day before Christmas and resume after New Year's, though probably at a slower pace.

Quotations on carload lots f.o.b. Minneapolis, tankcar lots 8.5c. per pound, cooperage car lots 9.01c. per pound, warehouse lots 9.5c. per pound.

Shipments of oil in pounds were as follows:—

	1938.	1937.
This week	705,617	787,547
Since Sept. 1	22,881,738	20,000,810

SAN FRANCISCO, Dec. 20.—Apparently during the early part of the week there was some further light trading in linseed oil, but during the last few days the market has become practically stagnant, excepting for the occasional purchasing of small drum lots. Tankcars are not being considered just now. Prices remained unchanged on the open quotation, but sellers are able to shade the tankcar price two or three points. Quoted:—Tankcars, 8.5c. per pound; drum lots ex mill, 9.1c.; drum lots ex warehouse, 9.5c.

CHICAGO, Dec. 23.—Most business in linseed oil continues to be done on a limited scale, with prompt shipment mostly wanted. Ruling prices are:—Tankcar, 8.5c. per pound; car lots, 9.1c.; less than car lots, 9.5c

LONDON, Dec. 22.—Quotations on linseed oil were:—

	Per cwt. s.	d.
Saturday	23	1½
Monday	23	1½
Tuesday	23	1½
Wednesday	23	1½
Thursday	23	1½
Friday	23	1½

Cake and Meal.—A steady tone continued to prevail in the market for cake and meal. Domestic trade in meal was generally along narrow lines. The export call for cake and meal was fairly active.

THE BRODÉ CORPORATION, MEMPHIS TENNESSEE
COTTON SEED MEAL, CAKE, HULLS, HULL BRAN, CRUDE AND REFINED COTTON SEED OIL, PEANUT AND SOYA BEAN PRODUCTS
Codes: Yoppa, Robinsons, Bentleys, A. B. C.5th Edition

CRESYLIC ACID
English A.D.F. Specification
FATTY ACIDS
All Kinds
JAPAN WAX
CARNAUBA WAX
T. G. COOPER & CO., Inc., 47-49 N. Second St., Philadelphia, Pa.

MINNEAPOLIS, Dec. 23.—Demand for meal is good and far in excess of the ability of the crushers to make immediate delivery. Bids are strong on stuff that can be shipped during the remaining few days of the mouth and crushers are surfeited with shipping instructions on maturing contracts so there is no chance of buying any important supply for quick delivery. Feed mixers have been strong competitors for the meager offers and because of the situation re-sellers have been demanding full market quotations for their limited offers. Demand for shipment in January, February and March is very good.

Quotations on carload lots f.o.b. Minneapolis, 100 pound sacks, $39.50 to $40.00 per ton.

Shipments of meal in pounds were as follows:—

	1938.	1937.
This week	2,137,165	3,340,525
Since Sept. 1	37,411,475	75,840,911

CHICAGO, Dec. 23.—While round lot business in linseed meal is limited, small lots in the aggregate are reaching good proportions. Resellers' offerings are not such as to disturb the market. Ruling prices are:—Round lots, $39 per ton; car lots, $39.50 to $40; less than car lots, $41 to $42.

Cottonseed Oil

Refined cottonseed oil futures were irregular, changes in prices being within comparatively small limits. Southern markets generally steady.

Cottonseed Oil.—Trading in refined cottonseed oil futures was quiet much of the time last week. There was nothing very striking in the way of market developments in other commodities, although the tendency of lard futures in Chicago was downward at times. As a rule, however, price movements in lard and other speculative markets were comparatively narrow and traders in cottonseed oil were inclined to hold off for a time or operate merely for small turns. In such circumstances variations in quotations from day to day were unimportant, the tone being firmer early in the period with a reactionary tendency later on.

There was some selling on the December government pig survey which appeared late in the week. This document was regarded as bearish and it also caused selling and a moderate downward movement of prices in the market for lard futures. According to the report the upswing in hog production which started in the Spring of this year will continue into 1939 at an accelerating rate. The Fall crop of 1938 is estimated as 18 percent larger than the crop of 1937. This follows an estimated increase of 13 percent in the Spring pig crop. The number of sows indicated to farrow in the Spring of 1939 is 21 percent larger than the number that farrowed in the Spring of 1938.

Southern markets for crude oil were steady or firm with offerings in all sections reported as light. The movement of seed was also reported as smaller and an official statement concerning the seed movement was rather unfavorable as to the quality of the seed received by the mills recently. The final government crop report put the production of seed for 1938 at 5,339,000 tons against 8,426,000 tons in the previous season. The quantity of cotton ginned for the current season to December 13 was 11,413,688 bales against 16,803,013 bales in the same time last season.

Marketing of hogs was on a liberal scale, arrivals in the principal Western centers for five days of the week aggregating 321,100 head against 275,000 head in the same time last year. The weight of the hogs received in Chicago during the week ended December 17 averaged 244 pounds against 242 pounds in the previous week and 235 pounds in the week before that. Stocks of lard in Chicago increased 2,619,130 pounds during the first half of December against an increase of 866,243 pounds in the same time last year. Supplies of lard in that market December 15 were 50,912,703 pounds against 12,433,360 pounds a year ago. Exports of lard from Atlantic and Gulf ports from November 1 to December 17 were 24,031,637 pounds against 30,148,750 pounds in the same time last year.

There was switching of cottonseed oil contracts from near to distant positions. January was switched to May at 29 points difference and to July at 36 to 38 points. March was switched to May at 10 points difference and to July at 17 to 18 points.

Trading in bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from December 17 to December 23, inclusive, comprised 477 contracts, a total of 28,620,000 pounds. Following is a price record for the week:—

	Cents per pound in tanks— High.	Low.	Close.
January	7.45	7.32	7.37 sale
March	7.68	7.53	7.58@7.59
May	7.78	7.62	7.67@7.69
July	7.84	7.72	7.78 sale

Crude, Southeast, .0637½@.0650.

Chicago, Dec. 23.—A fairly strong situation is reported to be existing in the cottonseed oil market despite the fact that the trade as a whole seems to be watching its purchasing policies rather closely. Good off-Summer yellow fig oil is 7⅞c. per pound. Refined edible oil is 9¼c. to 9½c. per pound, barrels, car lots, and 9¾c. to 10c., barrels, less than car lots.

Hull, Dec. 22.—Quotations on cottonseed oil were:—

	Refined. Per cwt. s.	d.	Egyptian crude. Per cwt. s.	d.
Saturday	21	6	18	6
Monday	21	6	18	6
Tuesday	21	6	18	6
Wednesday	21	6	18	6
Thursday	21	6	18	6

Cake and Meal.—There was little change in conditions prevailing in Southern markets for spot material. As usual at this season trade was reported as quiet with offerings small and the ruling tone steady.

Markets at Other Centers

Memphis, Dec. 23.—Crude cottonseed oil quet during the week. Last sales reported were at 6.30c. A few scattered tanks are available at 6⅜c. Meal steady with a fair domestic demand. Prime meal $23 per ton for 41 percent, Memphis basis. Loose slab cake, $20.50 per ton at Valley points. Hulls, $4.50 per ton at mills. The pig survey issued by the government showing 18 percent increase for 1939 is not construed as especially bearish by mill interests. as this is a long range forecast, and feeding costs may be considerably higher later on than at present. Increase in pig production will hardly offset decrease in production of cottonseed oil next season as compared with last year. Seed to be received from December 1, 1938, to end of season estimated at about 560,000 tons compared with 2,053,000 tons received last season for the same period. This indicates a shortage this season of equal to 8,000 tanks of crude cottonseed oil.

Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	December 15.	December 22.
January	$22.70@22.85	$22.50@22.65
March	22.85@22.90	22.65@22.75
May	22.95@23.25	22.75@22.85

Atlanta, Dec. 21.—With ginnings one-third less on December 1 this year than December 1 last year and a crop allotment designed to hold production down again to this year's level, the outlook for cottonseed products is somewhat bullish, reflected principally in meal, with oil facing greater competition from fats. Meal is regarded as occupying a strong position, but it, too, is finding more peanut and soybean meal entering the market to provide competition. Prime crude oil is quoted in the Southeast at 6.50 cents per pound, and 8 percent meal is being offered at $23.75 to $24 per ton, Southeastern mill points.

Fatty Acids

Caproic Acid.—No broadening of trade was noted, consumers being disinclined, as usual at this period, to purchase in advance of current needs. The tone continued steady with selling schedules held at former levels.

Cottonseed Oil.—The market for this fatty acid was quiet so far as new business was concerned but the movement into consuming channels on contracts has been on a fair scale recently. The tone was steady in the absence of any material change in the position of basic material.

Palm Oil.—A steady tone continued to prevail in the market for this fatty acid with a fair movement to local and other consumers noted although new business was quiet, buyers being inclined to hold off at this season.

Red Oil.—The market for this fatty acid was steady at the recent downward revision of prices. There was a fair inquiry though consumers showed little disposition to purchase ahead.

Stearic Acid.—The tone of basic material appeared to be steady and stearic acid prices were maintained. There were reports of a fair demand, the movement into consuming channels apparently being made up chiefly of compartively small or moderate quantities.

Tall Oil.—This fatty acid remained in the same steady position it has occupied for a considerable period. Trade was rather quiet, consumers being inclined to curtail purchases as usual with the approach of the inventory-taking period.

Markets at Other Centers

Chicago, Dec. 23.—Purchases of fatty acids have been moderately extensive in the last few days, considering the season.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

There have been fluctuations, based on trends in the raw materials.

FATTY ACIDS.—Corn oil, double distilled, 8c. to 8¼c. per pound, tankcar; 8½c. to 8¾c., barrels, car lots; 9c. to 9¼c., barrels, less than car lots; coconut oil, acidulated, 8¾c. to 8½c. per pound, tankcar, partly nominal; 8¾c. to 9c., barrels, car lots; 9¼c. to 9½c., barrels, less than car lots; cottonseed oil, double distilled, 7¼c. to 7½c. per pound, tankcar; 7¾c. to 8c., barrels, car lots; 8¼c. to 8½c., barrels, less than car lots; settled cottonseed soapstock, 60-62 percent basis, 3c. to 3⅛c.; boiled down soapstock, 65 percent basis, 4c. to 4⅛c.; cottonseed foots, 50 percent basis, 1½c. to 1⅝c.

STEARIC ACID.—Distilled, single press, 10c. to 11c. per pound; double press, 10½c. to 11½c.; triple press, 13¼c. to 13½c.

Fish Oils

Menhaden.—The refined situation continued to be featured by a firm tone, prices being advanced two points by sellers. Business continued rather quiet, local and other consumers generally being disinclined to purchase in advance of immediate requirements on the eve of the inventory-taking period. Crude was quiet and nominal in the primary market.

Sardine.—The local market for refined oil was firmer although trade remained rather slow as usual at this period of the year. The trend of the Coast market for crude oil has been upward recently, however, and local refined quotations were advanced two points.

Whale.—Quotations on refined oil were maintained at former levels, the tone of the market being firm. There was a fair movement of moderate quantities to local and other consumers.

Baltimore, Dec. 21.—The menhaden fishing companies active on the North Carolina coast continued their operations during the last week and expect to keep on with the work as long as weather conditions remain propitious. The fish now caught are small and yield little oil. Reports have it that further small lots of oil could be obtained at 28c. per gallon at factory, which makes the market here about 30c. per gallon. Refined stocks still hold at 53c. to 55c. per gallon for light pressed, 55c. to 57c. per gallon for light bleached, and 57c. to 59c. per gallon for yellow bleached stocks.

San Francisco, Dec. 20.—With some 40 tankcars of California sardine oil reported sold in the southern portion of the state last week on the basis of 33c. per gallon, the market later turned easier, and sellers in Nothern California, holding out for 31½ cents, finally gave way to bids and a fairly good turnover of business was noted in this local market at 31 cents a few days ago.

Additional fishing operations, described in the trade as unusually good during the past 10 days or so, has just lately thrown more 31-cent oil on the market here and for the moment buyers are not looking at it. As a matter of fact, for the first time in months there are more sellers than buyers in the market and there is nothing to indicate any underlying strength in the situation for the moment. If fishing operations continue to be good over the next week or two, the trade expects that a logical sequence will be another reduction in the price of oil, unless there is some general improvement in the competitive oils and fats picture.

At the moment the situation remains nominal in the South. It is understood that sellers there are not particularly interested in pushing oil on the market for the time being and are still naming 33 cents; however, it is quite certain that that figure is not going to attract any buyers. Sellers in the San Francisco-Monterey district apparently have settled on a 31-cent offering price, but buyers aren't interested in this and no bids are being heard.

It is estimated that approximately 1,750 tankcars of oil have been sold into contract so far this season. With the floaters now apparently out of the picture, it must be taken into consideration that there is not any great possibility of making much more oil than this quantity. Last season about 2,300 tankcars were manufactured.

Fats and Greases

Grease.—The tone appeared to be steady, quotations generally being held at former levels. Consumers showed little disposition to purchase in advance of immediate or nearby requirements.

Lard.—There were reports of some improvement in the inquiry for cash lard from domestic consumers. The export movement was comparatively light. Changes in local quotations were generally moderate.

Stearin.—Trade was rather quiet, but there was no increase in offerings and the market retained a steady tone.

Tallow.—Quieter conditions prevailed in the local market for spot tallow much of the time last week, although inquiries were not entirely lacking. Such transactions as were reported were generally limited to comparatively small or moderate quantities, however, larger consumers being inclined to hold off. Offerings were lighter and the market had a steady tone, the last transactions reported being at 5⅜c. per pound for extra, f.o.b.

Trading in tallow futures on the New York Produce Exchange from December 17 to December 23, inclusive, comprised 3 contracts, a total of 120,000 pounds. Following is a price record for the week:—

	Cents per pound in tanks		
	High.	Low.	Close.
January	5.40	5.40	5.35@5.45
March	...	...	5.50@5.65

Markets at Other Centers

Chicago, Dec. 23.—A fair trade has been reported in cash lard here recently, with the price structure showing no great change. Shipping trade has been fair. Tallows have been unchanged to a shade easier.

The range of lard quotations from the opening Saturday, December 17, to the close Friday, December 23, is shown in the following table:—

	Per 100 pounds				
	Open.	High.	Low.	Close.	Previous Friday.
Cash	$6.85	$6.90	$6.70	$6.65	$6.85
Jan.	6.82	6.90	6.75	6.70	6.85
May	7.50	7.52	7.43	7.45	7.50

TALLOWS (tierces).—Edible, 6c. to 6¼c. per pound; prime, 5½c. to 5⅝c.; fancy, 5½c. to 5⅝c.; special, 5⅛c. to 5⅜c.; No. 1, 5c. to 5¼c.

GREASES (tierces).—Choice white, 5⅜c. to 5⅝c. per pound; A white, 5c. to 5¼c.; B white, 5c. to 5⅛c.; yellow, 10-16, 4⅝c. to 4¾c.; yellow, 16-20, 4½c. to 4¾c.; brown, 4¼c. to 4½c.

STEARINS (barrels).—Prime oleo, 6½c. to 7c. per pound; lard, packages, 7¾c. to 8c.; A white grease, 5½c. to 5⅝c.; yellow grease, 5c. to 5⅛c.; extra oleo stocks, 8½c. to 9c.; No. 2 stocks, 8c. to 8½c.

Liverpool, Dec. 23.—Quotations per cwt. on refined American lard were as follows:—

	Spot.	January.	May.
	s. d.	s. d.	s. d.
Saturday	45 6	40 6	41 3
Monday	45 6	40 6	41 3
Tuesday	45 6	41 0	41 9
Wednesday	45 6	40 9	41 6
Thursday	45 6	40 6	41 6

Liverpool, Dec. 23.—Quotations per cwt. on tallow were as follows:—

	Choice.	Fine, good mixed.
	s. d.	s. d.
Saturday	16 6	17 9
Monday	16 6	17 9
Tuesday	16 6	17 9
Wednesday	16 6	17 9
Thursday	16 6	17 9

Animal Oils

Degras.—With supplies of spot material light or moderate and with offerings for arrival generally limited, the market had a steady or firm tone. There was a fair inquiry.

Lard.—Quotations were generally stationary with the tone of the market steady. A fair inquiry was noted, although consumers were not inclined at this season to purchase in advance of immediate needs.

Neatsfoot.—The market remained in a firm position, quotations being maintained. Business was rather quiet, as usual at this period of the year, the movement being made up chiefly of small or moderate lots.

Oleo.—There were reports of a somewhat better inquiry for moderate quantities. The market retained a steady tone.

Markets at Other Centers

Chicago, Dec. 23.—Animal oils are quiet at present, with buyers inclined to take only routine amounts of material.

LARD.—No. 1, 8½c. to 8¾c. per pound.

OLEO.—No. 2, 8c. to 8½c. per pound.

TALLOW.—Acidless, 7½c. to 7¾c. per pound, tanks; 8c. to 8½c., barrels.

Waxes

Bees.—African wax was lower at 19c. to 20c. per pound. Brazilian and Chilean wax was steady and prices held without quotable change. Being the first of the last two weeks of the year, sales were on the low side but the trade as a whole felt that improvement in business would come with the turn of the year.

Candelilla.—A very steady and well stabilized spot market was reported. The market in Mexico was in similar position. Trade was light but undertones continued to be firm.

Carnauba.—Prices were lower on spot. Also, some dealers reported lower quotations forthcoming from Brazil, but others failed to confirm. In any event local values were revised downward to the following basis:—No. 3 chalky, 29c. to 30c. in ten lots; No. 3 North Country, ten lots, 30c.; refined, 35c.; No. 1 yellow, ton lots, 39c.; No. 2 yellow, 38c. Those with lower prices from the source declared that new crop wax was reaching the shipment ports, thus easing shipment quotations. Local trade was light.

Japan.—Little business and a generally quiet as well as fairly low market prevailed last week. Last sales were made at 9¼c. to 10c. per pound, according to quantity.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

Informative Literature

Send the numbers of what you want to the Reporter on a postcard. Copies will be sent without charge.

Bags:—The Chase Bag Company, this city, has published another issue of "Bagology," its monthly compilation of fun and fact. **(690)**

Chlorinated Hydrocarbons:—E. I. du Pont de Nemours & Co., Wilmington, Del., has prepared a comprehensive leaflet presenting the properties, specifications and uses of the chlorinated hydrocarbons it manufactures. **(691)**

Compressors:—The Worthington Pump & Machinery Company, Harrison, N. J., has issued a bulletin on its new portable three-cylinder, two-stage radial air-cooled air compressor unit for installation between the transmission and front universal joint of trucks through a "Multi-V-Drive." **(692)**

Corrosion Prevention:—The International Nickel Company, this city, has prepared a catalog of 400 applications for "Monel," "Inconel" and nickel under corrosive industrial conditions. **(693)**

Preservative:—The Aquacide Company, Washington, D. C., has issued a leaflet which presents complete information on its "Aquacide Powder," preservative for fish livers in the production of vitamin oils. **(694)**

Steam Metering:—The American District Steam Company, North Tonawanda, N. Y., has prepared an illustrated bulletin which describes the construction, operation and installation of its "Adsco" rotary condensation meter for metering steam in the form of condensate. **(695)**

Transparent Packages:—The Celluloid Corporation, this city, has available a booklet depicting and describing the newest uses of its transparent packaging material "Lumarith." **(696)**

Resins:—The Neville Company, Pittsburgh, has issued a revision of its pamphlet, "Neville Resins." It describes in detail the properties, specifications and uses of the various thermoplastic resins offered for industrial use. **(697)**

Detergents:—The Cowles Detergent Company, Cleveland, has published another edition of "Cowles Technical Tips," containing a variety of interesting data on soaps and soap chemistry. **(698)**

Corrugated Boxes:—The Hinde & Dauch Paper Company, Sandusky, Ohio, has issued another of its packaging handbooks. The new booklet, entitled "How to Sell with Corrugated Boxes," discusses the merchandising features of properly designed shipping containers. **(699)**

Laminating Varnish:—The Bakelite Corporation, New York, has published a booklet dealing with the various forms, respective properties and ranges of applications of laminated products bonded with Bakelite resinoid varnishes. **(700)**

Anti-Foaming Agent:—The Carbide & Carbon Chemicals Corporation, this city, has released a folder telling of the chemical and physical properties and use of its new product, octyl alcohol, as an anti-foaming agent. **(701)**

Fertilizers:—The American Agricultural Chemical Company, New York, has prepared a new booking explaining the proper selection and use of fertilizer for securing more abundant crops. The volume is entitled "Getting the Most Out of Your Soil." **(702)**

Pumps:—The F. J. Stokes Machine Company, Philadelphia, Pa., has prepared an illustrated booklet describing its high vacuum pumps. Included in the catalog are technical data, charts and other information on vacuum, its production, use, and advantages. **(703)**

Spray Equipment:—The Eclipse Air Brush Company, Newark, N. J., has published a catalog showing its complete line of spray equipment. **(704)**

Zinc Pigments:—The New Jersey Zinc Company, New York, has prepared a booklet stating the characteristics of its zinc products for use as pigments and otherwise. The work is punched to fit the small standard size six-ring note book, so that it may be used as a permanent reference. **(705)**

Chemicals:—The Glyco Products Company, this city, has issued the latest edition of "Chemicals by Glyco." The catalogue has an index of products, formulae, and uses. A number of new products are also described, in addition to the complete line of esters, emulsifying agents, synthetic waxes, resins, etc., manufactured by the company. **(706)**

Ciba Magazine Traces Textile Loom History

The textile loom is the theme subject of the discussions in the December issue of the *Ciba Review*, house organ of the Ciba Company, dyestuffs manufacturer, this city. Among the articles appearing in the issue are those explaining the principle of the loom, the loom of ancient Egypt, Greece, Rome, and Asia, the hand-loom of the Middle ages and the following centuries, and the mechanization of the loom. A number of historical gleanings and scientific notes also are presented in the volume.

Obituaries

—Continued from page 30

Dr. W. B. D. Penniman

Dr. William B. D. Penniman, head of Penniman & Browne. chemists and chemical engineers, Baltimore, died December 17 in his home in that city, following an illness of several months. He was seventy-two years of age.

Born in Baltimore, Dr. Penniman studied at the Baltimore City College and Johns Hopkins University, studying chemistry and chemical engineering. Besides his degree of Doctor of Medicine, he received a Doctor of Philosophy degree from Loyola College. For a short time he was professor of chemistry at the Baltimore Medical College, which he helped to organize, and from which institution he received his degree of Doctor of Medicine. The college has since become part of the University of Maryland.

During the World War, Dr. Penniman was head of the technical division of the War Industries Board. He aided in organizing the Maryland State Board of Health. Surviving are his wife, four brothers and one sister.

Roy N. Bishop, retired as president of the Universal Consolidated Oil Company, San Francisco, in 1929, died in his home in that city December 20. He was sixty years old. Surviving are his wife and one daughter.

John Briggs, jr., associated with Briggs-Maroney Company, paint and varnish manufacturer, Everett, Mass., died December 10. He was fifty-one years of age. Surviving are his wife, one son, a sister, and his father, John Briggs, who is chairman of the Briggs-Maroney company.

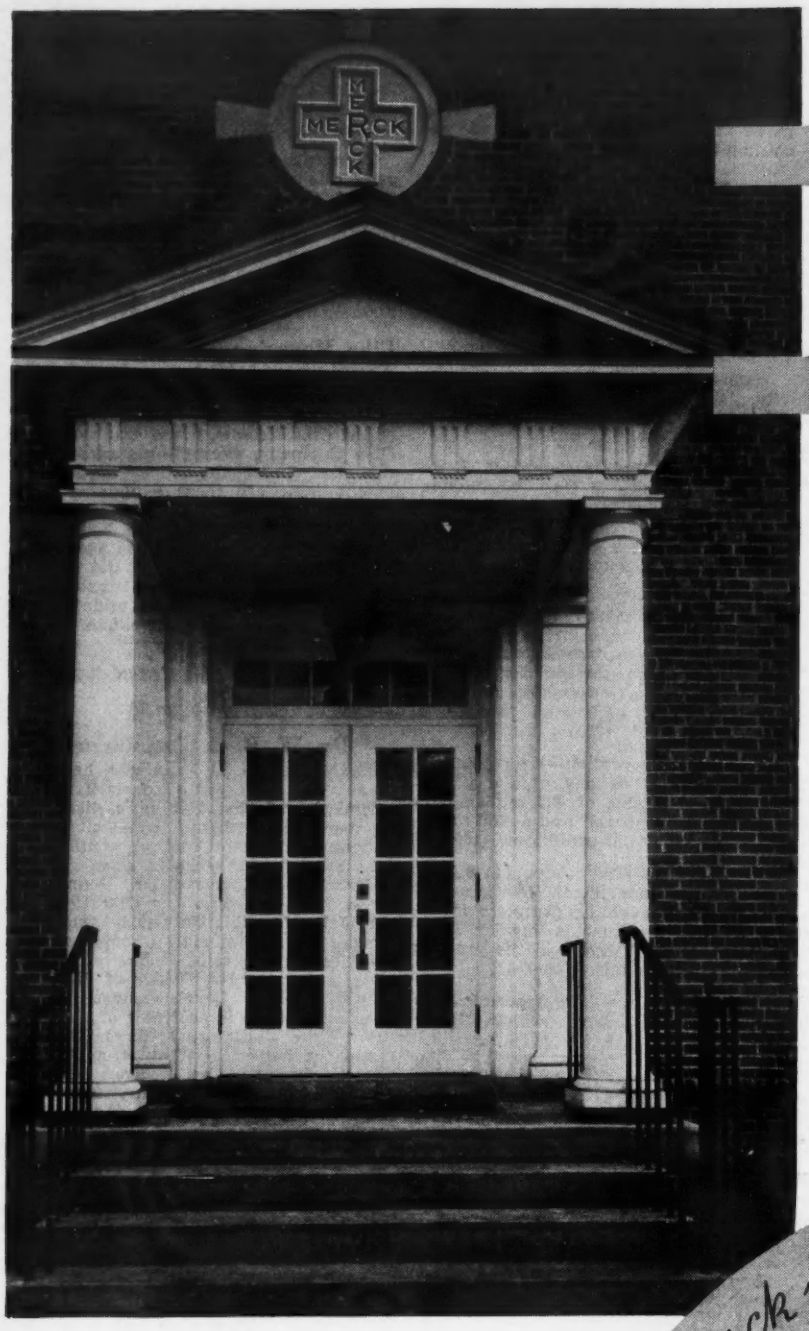
Mordecai Cohen, a former ink manufacturer in Brooklyn, died December 21. He was eighty-four years old. Surviving is his wife.

Reuben Gledhill, head of Gledhill & Son, Brooklyn, died unexpectedly December 15. He was seventy years old. Surviving are his wife and son.

Frank Howland, retired curator of geology and mineralogy at the Colorado Museum of Natural History, died December 15 in Denver. He was eighty-one years of age. Surviving is his wife.

William A. Zipper, who retired as an advisory chemist for the General Dyestuffs Corporation, this city, last June, died unexpectedly from a heart attack, in his home in Clifton, N. J., December 19. He was sixty-seven years old. Surviving are his wife and two sisters.

Northwestern Yeast Company, Chicago, has been ordered by the Federal Trade Commission to cease representing that yeast foam tablets and animal-poultry yeast foam act as more than a mild laxative; or accomplish more than supplying the vitamin B complex in diets deficient in such vitamin, stimulating the appetite if it is impaired by an insufficient supply of the vitamin B complex, and stimulating the flow of secretions from the glands of the digestive tract, but not activating the glands in other parts of the body.



A GOOD NAME

During the 270 years that the name Merck has been identified with the chemical industry, its richest reward has been the confidence it has established among users of fine chemicals. Today the Merck policies of scientific research and rigid laboratory control are so widely recognized that nearly 3,000 products are supplied to various branches of industry, laboratories, physicians, dentists, pharmacists, chemists, and the general public. With its rich tradition of experience, adequate resources and modern production facilities, Merck & Co. Inc. will continue to play a leading role in the ever-changing drama of chemical progress—and service.

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Drugs, Fine Chemicals

Rise in Vanillin Prices Reverses Recent Trend—Quotations on Saccharin Show Decline—Outlook Good for Seasonal Items—General Market Undertone Steady

The next to the last week of 1938 failed to be productive of price changes affecting materials of major importance to the drug trade. Vanillin quotations were advanced, thus reversing the recent trend of prices. Alcohol prices covering contract business over the first quarter of 1939 were in effect on sales during the balance of this year. Saccharin quotations were reduced. Other than these three developments, the market lacked features and the general situation seemed to be one of substantially stable prices and a reasonably encouraging outlook for the future.

Most raw materials were in firm to steady position and that fact was naturally without its effect on the immediate and nearby future position of derived items. Bismuth, quicksilver, iodine, and their derivatives were in such position and all values were fully steady.

The future of glycerin was slightly uncertain but an undertone of steady quality was reported last week. Quinine was definitely on the firm side and the outlook was good. Recent advances in prices on denaturing grade methanol placed it in a position much improved over that at the beginning of the year. Strychnine, bromides, creosote, guaiacol and its products, ammonia chloride, soda and potash bromides, acetylsalicylic acid—all were on the firm side and many enjoyed a fairly good call during the period reviewed.

Aloin.—Firm prices in a not very active market were the rule and the outlook favored firm maintenance of values for the immediate future.

Ammonia Chloride.—Absorption of the U.S.P. article has been stimulated by favorable weather conditions and the outlook for the new year was said to be very good. Prices were steady.

Ammonia Phosphate.—Full stabilization of prices was noted and although trade was down to seasonal limits, the market as a whole was reported to be on the firm side notwithstanding.

Barium Sulphate.—A normal request for the X-ray grade of this material was reported and values were in fully firm position throughout the past week. The situation appeared to be wholly stable.

Bismuth Metal and Salts.—The final two weeks in most years are periods of moderate request and trade during the last week was no exception to the general rule. The undertone of the market was very steady, and the outlook was good for a stable market during the immediate future.

Cadmium.—Platers were still active meeting the requirements of the automotive makers. Hence, sales of cadmium metal were in good volume on the basis of the recently reduced prices.

Caffeine.—Good business was reported on the books of the producers, sales for early delivery in 1939 having been encouraging. There was also a very good call for spot deliveries of phosphate and citrated material. Prices were steady to firm.

Castor Oil.—The market was quiet within normal limits. Prices proved to be very steady at all times, and the general undertone appeared to be satisfactory.

CHICAGO, Dec. 22.—Moderately good buying is reported in the c.p. castor oil market. Although buyers are holding back purchases, as might be expected at this period of the year, sufficient business seems sufficient to permit prices to be held fairly steady. Ruling prices are:—Barrels, car lots, 10½c. per pound; barrels, less than car lots, 10⅞c.; returnable drums, car lots, 9⅞c.; drums, less than car lots, 10⅝c.; tanks, 9⅜c.; No. 3, barrels, car lots, 9⅝c.; barrels, less than car lots, 10⅜c.; returnable drums, car lots, 9⅜c.; drums, less than car lots, 10½c.; tanks, 8⅞c.

Ephedrine.—Only fair interest was shown. Manufacturing consumers appeared to have protected their requirements very well, and hence they were not in the market often during the past week. A fair trade was expected to develop following the turn of the year.

Epsom Salt.—A fair proportion of pending production early in the coming year was under engagement, giving to the market a degree of substantial solidity and tending to keep quotations well stabilized in all respects.

Glycerin.—Trade was down to normal year-end limits. However, there was a healthy outlook facing the trade so far as business early in 1939 was concerned, and the general undertone of the market was very steady. Prices lacked quotable change and the feeling was that no change would be made over the balance of this year.

CHICAGO, Dec. 22.—Business in c.p. and other grades of glycerin is holding up quite well, considering that it is the year-end inventory period. Tone of the price structure seems to be fairly steady. Ruling prices are:—Chemically pure, tanks, 12¼c. per pound; drums, car lots, 12½c.; drums, less than car lots, 13c.; high gravity, tanks, 11¾c.; drums, car lots, 12c.; drums, less than car lots, 12½c.

Iodine and Iodides.—Trade was conventional, yet, considering the time of the year, volume was very good in the main. Quotations were very steady and the general undertone indicated that a firm position prevailed in all directions.

Magnesia.—Calcined material was well stabilized in firm position. Carbonate was also well held in a market lacking signs of unsettlement. A fairish outlook for trade during the first quarter of the coming year was reported.

Menthol.—Favorable weather conditions have worked for an excellent consumption of manufactured goods including menthol as an ingredient. The menthol market as a whole was a steady affair last week with spot prices being in line with the well held quotations in Japan.

Methanol. — Denaturing grade material lacked further advance. All producers quoted 35c. per gallon in tanks and the year appeared to be closing in a position much firmer than it began. Other grades of methanol were on the steady side with a fair movement into consumption being expected early next year.

Mercurials. — Hard mercurials held firm under the influence of an improved and stronger raw material market and notwithstanding the fact that because of seasonal influences actual sales of mercurials were along conservative lines. Soft mercurials have yet to reflect a higher cost of production.

Milk Powder. — Producers indicated that only routine interest was being displayed by buyers. Prices seemed to be more stable than they were a short time back and by the close of last week were in quite steady position.

Phenobarbital.—Trade has been up to that expected for this article and the general market position at the close of the year was normal. Prices were generally steady and lacking in signs pointing to an early change in the schedule.

Quinine.—It has been a fairly satisfactory year in quinine salts and all cinchona derivatives. Last week trade was naturally under the influence of end-of-the-year conditions, but there was a bright outlook for a normally active and firm market after the turn of the year.

Quicksilver.—Prices were on the firm side but interest was not very substantial so far as actual sales were con-

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

Price Changes

Prices were changed during the past week as follows:—

Advanced

Vanillin, 10c. per lb.

Reduced

Saccharin, 25c. per lb.

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
182.7	182.7	182.5	182.1

Market news that may have developed after this report was sent to press will be found on page 4.

Pattinson's
MAGNESIUM TRISILICATE
(SYNTHETIC HYDRATED TRISILICATE OF MAGNESIUM)

. . . in physical and chemical composition conforms to that demanded by the theoretical formula:

MAGNESIA: SILICA RATIO — 1:2.24
IDENTICAL WITH SEPIOLITE ACCORDING TO DEBYE-SCHERRER POWDER DIFFRACTION PHOTOGRAPHS

Free from contamination Free from Alkali

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Write for sample of "Pattinson's" brand Magnesium Trisilicate — For tablets, powders and emulsions

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PROLONGED NEUTRALIZING ACTION

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CREOSOTE
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ACETYLSALICYLIC ACID SALICYLATES
BENZOATES BENZALDEHYDE
BROMIDES
FORMALDEHYDE
PARAFORMALDEHYDE
METHENAMINE
GLYCEROPHOSPHATES
SILVER PROTEINS

HEYDEN
CHEMICAL CORPORATION
50 UNION SQUARE, NEW YORK, N. Y.
CHICAGO BRANCH: 180 N. WACKER DR.
Factories: Garfield, N. J., Fords, N. J.

cerned last week. Pacific Coast production in numerous instances has been sold well ahead and hence accumulation of stocks was considered to be unlikely. Nothing new was reported from overseas.

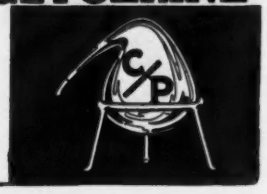
SAN FRANCISCO, Dec. 20.—Quicksilver continues to show strength, although last week the amount of inquiry present in the market was quite low when contrasted with the previous several weeks. There has been no change in the price level and for the most part it would appear that a number of the larger users are fairly well covered ahead. Supplies are light here.

Resorcinol.—A fully stabilized market prevailed throughout the past year and indications were for continued maintenance of values for the immediate future at least. The market was definitely routine last week, interest being restrained since large business was aloof.

Saccharin.—Producers reduced quotations to the following basis:—Drums, 100-pound lots, $1.45 per pound; 25-pound cans, $1.48; 5-pound cans, $1.50.

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

PROCTER & GAMBLE
Largest Producers and Refiners of
CHEMICALLY PURE GLYCERINE
U.S.P.
Packed in drums and cans
Also other grades—Stocks in principal cities
Gwynne Building, Cincinnati, Ohio
205 East 42nd Street, New York City



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J. Q. DICKINSON & CO. ESTABLISHED 1832 MALDEN, W. VA.

NATIONAL BRAND MILK SUGAR
QUALITY STANDARD THE WORLD OVER SINCE 1883
ALPHA LACTOSE
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The World Renowned Benckiser
TARTARIC ACID
CRYSTALS—POWDER—GRANULAR
Guaranteed U. S. P.
OBTAINABLE FROM
WILLIAM NEUBERG, INC.
441 Lexington Avenue, New York City
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This reduction broke an extremely long period of price stability.

Silver Nitrate.—The schedule of prices since the last report prevailed as follows, covering quantities of 500 ounces; small lots from 1c. to 2c. more per ounce, and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices of bullion in New York and London is also provided.

	Per ounce		
		Bullion	
	Nitrate. Cents.	New York. Cents.	London. Pence.
Saturday	31½	42⅝	20
Monday	31½	42⅝	20⅛
Tuesday	31½	42⅝	20⅛
Wednesday	31½	42⅝	20⅛
Thursday	31½	42⅝	20⅛
Friday	31½	42⅝	20⅛

Vanillin.—Prices were advanced 10c., this development reviewing a downward trend of quotations that had prevailed without interruption for a long time past. New quotations were as follows:—Ex-eugenol, 25-pound lots, $2.20 per pound; 5-pound lots, $2.30; ex-guaiacol, or ex-lignin, 25-pound lots, $2.10; 5-pound lots, $2.20; single pounds, $2.25.

Dow Co. and Great Western Merger Is Approved

Stockholders of the Dow Chemical Company, Midland, Mich., and the Great Western Electric-Chemical Company at their respective meetings December 22 approved the proposed merger of the two companies. The merger becomes effective December 21. The merger plan provides that each share of the Great Western Electric-Chemical Company's 6 percent preferred stock will receive 3/16 of a share of the common stock of the Dow company, and the Great Western common stock will be exchanged for the Dow company's common stock on a share-for-share basis.

Cloverdale Mining Company, Cloverdale, Cal., has a large deposit of cinnabar, and which it is reducing.

Drug-Chemical Section To Look at Future

Forecasts of the business outlook will be given to the Drug, Chemical and Allied Trades Section of the New York Board of Trade in "The Industry Forum —1939," which the group will hold January 17 in the Hotel Astor, this city.

A comprehensive view of conditions and problems looming for 1939 will be essayed by leaders in the several trade divisions of the section. These speakers, in five-minute talks, will discuss legislation, regulations, the employment situation, public relations, the volume of business, and other topics.

Luncheon will precede the forum at 12:30 p. m.

Baltimore Drug Trade Bowling League has been narrowed, because of withdrawals, to teams representing McCormick & Co., the Noxzema Chemical Company, and the Emerson Drug Company.

C. F. Sauer Company, spice and extract house, Richmond, Va., has filed an answer with the Federal Trade Commission denying the material allegations in the commission's complaint on price discrimination.

Lactic acid
In ALL Strengths from 22% to 85%
TECHNICAL
EDIBLE
U. S. P.
C. P.
APEX CHEMICAL CO., Inc.
Manufacturers Since 1900
225 West 34th Street, New York City
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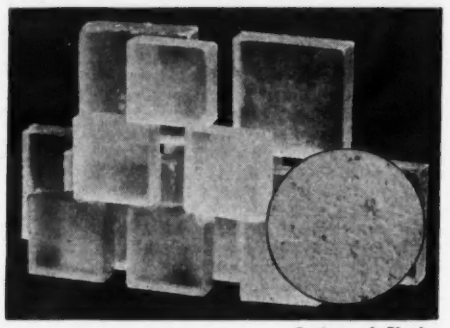
Every Tablet of
SHERKA
CAMPHOR, U. S. P.
(*Synthetic*)
is identical in quality, purity and capacity for camphor action . . .



S rface of Sherka Synthetic Camphor U.S.P. Tablet magnified 150 times to show uniform structure and fineness.

for MEDICINAL, MOTH PREVENTIVE and OTHER PURPOSES
SHERKA
Meets all U.S.P. requirements—lower in price than the natural camphor. Tablets (½ and 1 oz.). Slabs (2½ lbs.) and Powder—all available from one source.
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"TRONA" MURIATE OF POTASH
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A 95-98% Grade for Agricultural Use.
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Pharmaceutical Ad Directors Addressed by Dr. Fishbein

In an informative address before the Pharmaceutical Advertising Directors Club in this city December 17, Dr. Morris Fishbein, Editor of the *Journal of the American Medical Association*, interpreted some of the salient features contained in recently enacted food, drug, and cosmetic and advertising laws. Dr. Fishbein, speaking from his medical, pharmacal, and editorial experience, clarified and interpreted many of the fundamentals upon which the requirements of the law are based. He stated that there is an increasing opportunity for manufacturers of ethical pharmaceutical products which are backed by scientific research and developed for the purpose of promoting public health. He also predicted that the future would bring about a closer cooperation and coordination between government agencies, the councils of the American Medical Association, and the pharmaceutical industry.

The meeting was held in the Hotel Pennsylvania, and was attended by members and guests representing about thirty leading pharmaceutical houses. A Douglass Brewer, of Ciba Pharmaceutical Products, Inc., is president of the club. The speaker was introduced by Edward A. H. King, of Crookes Laboratories, Inc., who is secretary. Douglas Wakefield Coutlee, of Merck & Co., and Adam Piret, of Crookes Laboratories, former presidents of the club, and Edward B. Austin, of Thomas Leeming & Co., vice-president, and E. Walton Bobst, of Hoffmann-LaRoche, Inc., treasurer, were at the speakers' table.

Commercial Solvents Reduces Commercial Molasses Holdings

The Commercial Solvents Corporation has sold 5,900 common shares of the Commercial Molasses Corporation to the United Molasses Company, Ltd., Great Britain, for $515,227. The shares sold constituted part of the 26,000 shares heretofore owned by the Commercial Corporation, and which represented 65 percent of the total outstanding stock of Commercial Molasses Corporation. The Commercial Solvents Corporation sold to the United Molasses in November a block of 98,900 ordinary shares of the capital stock of the Commercial Solvents, Great Britain, Ltd.

Cosmetic Industry Reported Broad Gain in 1937

Manufacturers of perfumes, cosmetics and other toilet preparations reported that the number of wage earners employed in this industry in 1937 was 10,158, as compared with 9,662 reported for 1935, and wages paid last year amounted to $9,261,533, against $8,585,752 for 1935. The total value of the products of the industry for 1937, $132,336,481, exceeded the 1935 figure, $119,529,172, by 10.7 percent, according to preliminary figures filed from returns of the recent Biennial Census of Manufactures, released by the Bureau of the Census, Department of Commerce.

Cost of materials was $53,905,342 in 1937, against $44,532,305 in 1935. There were 478 establishments in 1937 against 558 in 1935.

Flavoring Extracts Makers Noted Betterment in 1937

Establishments engaged in the manufacture of flavoring extracts, flavoring sirups and related products reported that wage earners employed in this industry in 1937 numbered 4,162, against 2,902 in 1935, and wages paid increased from $2,651,066 for 1935 to $4,274,145 for 1937. The value of the products of the industry increased from $67,874,935, reported for 1935, to $117,897,193 for 1937, according to figures compiled from returns of the recent Biennial Census of Manufacturers, released by the Bureau of the Census. There were 398 reporting establishments in 1937, against 407 in 1935. Cost of materials totaled $46,279,888 in 1937, against $29,185,230 in 1935.

Drug Industry Reported Large Increase in 1937

Manufacturers of druggists' preparations and patent or proprietary medicines reported the number of wage earners employed in 1937 was 24,095, compared with 22,128 reported for 1935, and wages paid last year amounted to $26,115,890, against $21,978,878 for 1935. The total value of the products of the industry for 1937 was $345,918,343, against $291,733,473 in 1935, according to preliminary figures compiled from returns of the recent Biennial Census of Manufactures, released by the Bureau of Census. Cost of materials, etc., was $98,821,718 in 1937, against $83,444,677 in 1935. Number of establishments reporting totaled 1,013 in 1935, against 1,056 in 1935.

'Liberty' Trademark for Ginger Ale Cancelled

OPD Washington Bureau
December 20, 1938

The United States Court of Customs and Patent Appeals has reversed the Commissioner of Patents and directed that a trademark of ginger ale registered by Delatour Beverage Corporation, Long Island City, N. Y. (America Dry Corporation, assignee, substituted) and protested by American Brewing Company, Rochester, N. Y., be cancelled.

The mark in question consists of a representation of the Statue of Liberty and the printed words "America Dry Ginger Ale." Prior to this registration, according to the record, the American Brewing Company had adopted and used as a trademark for beer and ale a composite mark consisting of a representation of the Statue of Liberty and the word, "Liberty."

The printed words in the ginger ale trademark were disclaimed apart from the mark itself, but the court ruled that "confusing similarity between two trademarks may not be avoided by the later user merely by adding descriptive disclaimed words to a technical mark clearly similar to the mark of the earlier user."

P.K.Shipkoff Sees Higher Prices for 1939 Rose Crop

The 1938 rose crop was about 40 percent smaller than the 1937 crop, the total yield of rose oil being approximately 1600 kilos, according to Peter Shipkoff, chairman of P. K. Shipkoff & Co., S. A. Kazanlik, Bulgaria, who sailed for abroad recently, following a month's stay in this country. Mr. Shipkoff, who made his headquarters, while in New York, at the office of his company's representative, Compagnie Parento, Inc., said that, because of the comparatively low prices prevailing in recent years, the culture of rose has become unremunerative to the growers, and he believed that an increase in price could be expected for the 1939 crop. Mr. Shipkoff also visited the Parento offices in Chicago and Toronto.

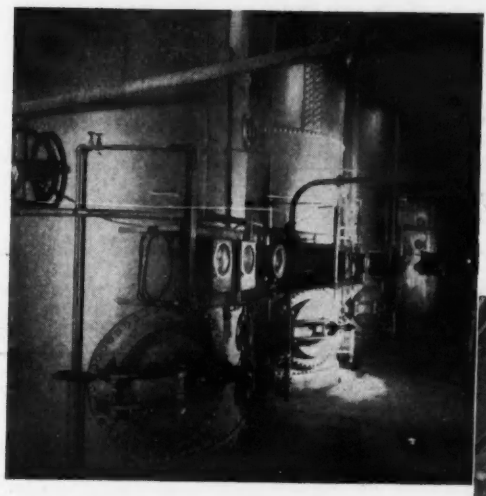
Calvert Drug Elects

Through a mistaking of lists the officers recently elected by the Calvert Drug Company, co-operative wholesaler, Baltimore, were incorrectly enumerated in the REPORTER for December 19. The officers and other directors are:—

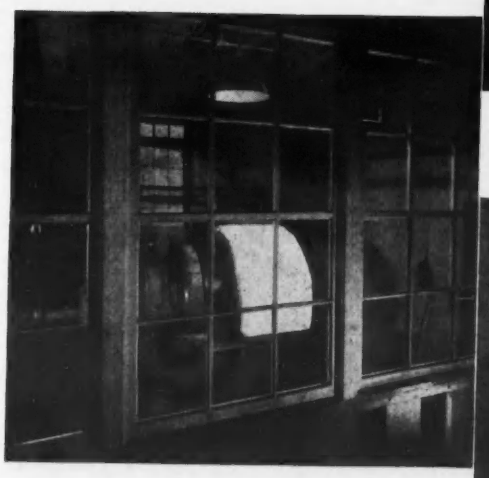
President, Reginald G. Morrison.
Vice-president, L. M. Kantner.
Secretary, J. W. Dorman.
Treasurer, Samuel Y. Harris.
Assistant treasurer, Philip J. Boenning.
Other directors, William E. Brown, Charles L. Meyer, Charles H. Knight, and Charles H. Morgan.

Abbott Laboratories, pharmaceutical manufacturer, Chicago, has made application to the New York Stock Exchange to list 34,000 no par value common shares.

RECRYSTALLIZATION AND PROCESS REFINEMENTS PRODUCE HIGH PURITY IN DOW EPSOM SALT, U.S.P.



1. After the epsom salt solution has been brought to correct concentration, treated and filtered, it is crystallized in these rubber and Monel metal-lined, high-vacuum crystallizers of Dow design.



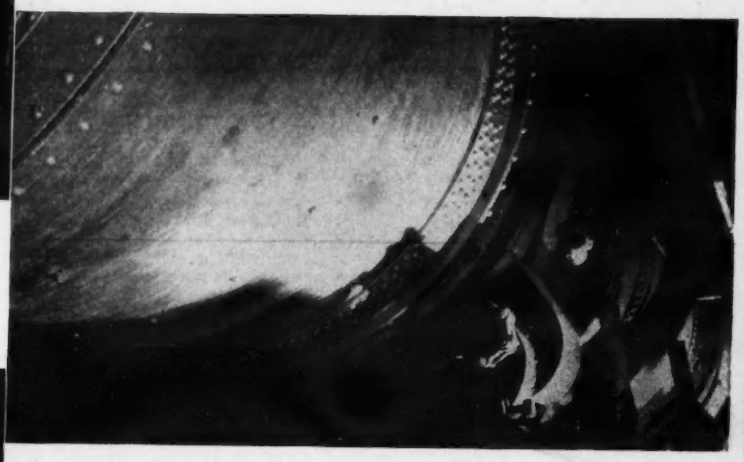
2. Continuous vacuum rotary filters, operating in air-conditioned rooms, complete the separation of the epsom salt crystals from the solution.

Recrystallization and special process refinements give Dow Epsom Salt, U.S.P., the exceptional purity *exceeding* even the high standards of U. S. Pharmacopoeia.

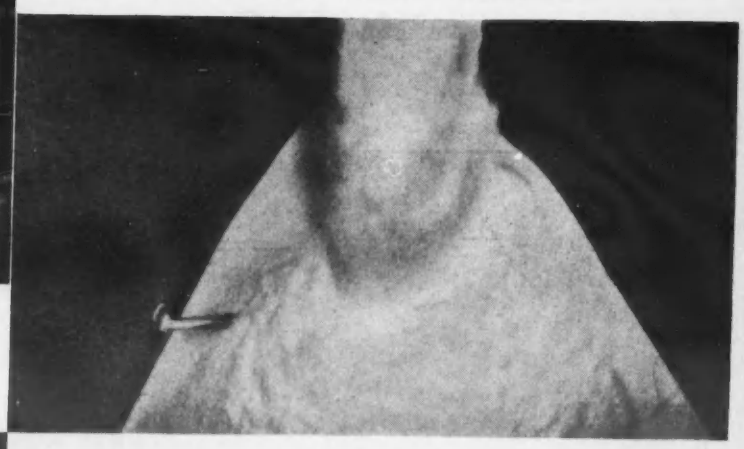
During processing, Dow Epsom Salt is alternately crystallized and washed with filtered water which removes both chemical and mechanical impurities.

To further safeguard the quality of this product, all equipment is lined with rubber or Monel metal.

The white, sparkling, uniform, needle-shaped crystals that characterize Dow Epsom Salt, U.S.P., Recrystallized, symbolize its extreme purity.



3. After filtering, the epsom salt crystals are discharged into this 12 ft. diameter by 50 ft. long Monel metal-lined rotary dryer. Uniform crystals for pharmaceutical use are then obtained by means of vibrating screens.



4. Completely processed, the epsom salt is continuously sampled as it enters each bin. No packaging is done until each sample has been tested for chemical purity, freedom from foreign material, crystal form, dryness and color.

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PRODUCERS OF MORE THAN 300 CHEMICAL PRODUCTS.

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THE DOW CHEMICAL COMPANY, MIDLAND, MICHIGAN

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ALKALOIDS
CRUDE BOTANICALS
FISH LIVER OILS
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COSMETIC RAW MATERIALS
SOLID AND POWDERED EXTRACTS

"Make it better and you'll sell more." This is just as true today as it was a hundred years ago. Yet, even in these modern times, some manufacturers often do not keep abreast of the new and better in regard to the ingredients that enter their products.

GUM ARABIC, for example, has been used for generations mostly with hit-or-miss regard to standardization and uniformity.

Perfected by special processes and maintained by carefully regulated laboratory supervision, we believe our Powdered No. 1 GUM ARABIC is the finest ever produced.

"Make it better" with PENICK'S POWDERED ARABIC. Send for samples and full particulars. Test the merits for yourself.

S. B. PENICK & COMPANY

132 NASSAU STREET, NEW YORK 1228 W. KINZIE STREET, CHICAGO

THE WORLD'S LARGEST BOTANICAL DRUG HOUSE

Fritzsche Brothers Forces at Their Annual Banquet

Two hundred thirty executives and employees of Fritzsche Brothers, Inc., essential oils and aromatics, this city, held their annual dinner-dance December 17 in the grand ballroom of the Hotel New Yorker, establishing an all-time record for attendance.

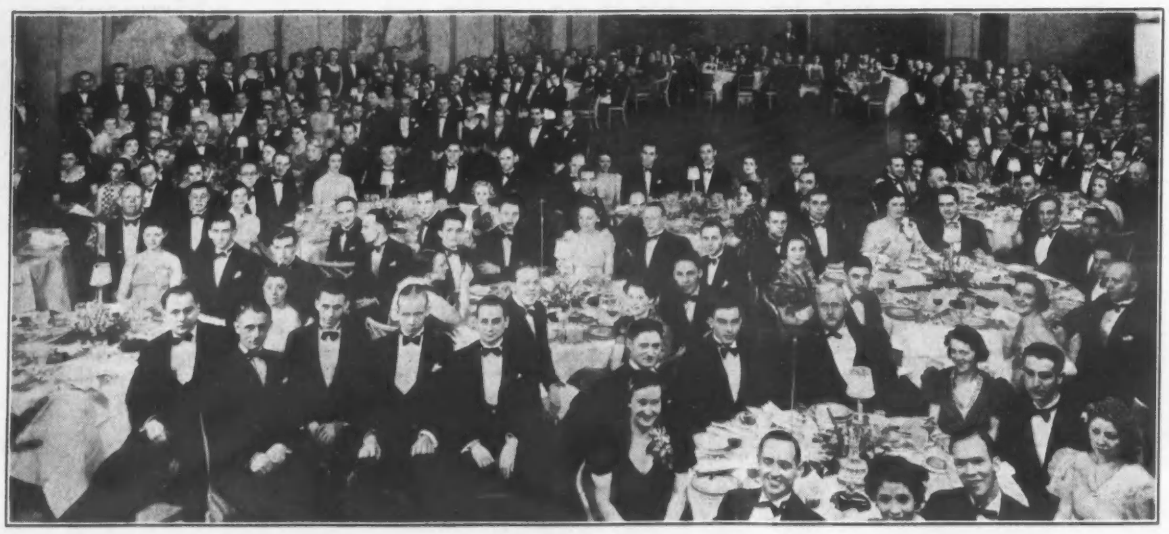
F. H. Leonhardt, president of the company, urged all to enjoy themselves to the fullest at the banquet, and dancing and vocal and instrumental solos supplied entertainment. Dancing continued until nearly four o'clock in the morning.

The affair was complementary to the annual sales convention which began December 13. Twenty-four representatives from all parts of the United States and Canada were greeted by Mr. Leonhardt on the opening day in words of cordial welcome. Then followed three days of a program including daily talks and quizzes conducted by the various executives and department heads, augmented by luncheon and after-dinner table discussions.

The program included discussions by John H. Montgomery, C. F. Booth, F. L. Hilbert, H. P. Wesemann, and Dr. E. H. Hamann, all company executives. Mr. Montgomery discussed sales problems and talked on some of the implications of new legislation. Mr. Booth conducted a series of experiments in the compounding of odors. Mr. Hilbert conducted a quiz session that brought helpful elucidation on certain of the properties, characteristics, and applications of numerous aromatic chemicals. Mr. Weseman's talk dealt with imports, and the out-of-the-ordinary conditions surrounding certain foreign and domestic sources of supply.

Three evening sessions were held in the panel room of the New Yorker hotel, being preceded by dinner. A feature of these gatherings was the showing of the company's enlarged plant in Seillans, France, in colored motion pictures. Dr. Guenther's interesting colored motion picture films of his journey to essential oil centers in Africa also were run.

In the forenoon, December 17, all the sales representatives went by bus to the site of the New York World Fair, where they had a preview of the grounds and buildings. The annual dinner-dance that night completed the annual conclave of the company.



Soap Making Up in 1937

The number of wage earners employed in the soap industry in 1937 was 14,008, compared with 13,911 reported for, and wages paid last year amounted to $19,074,574, against $15,339,045 reported for 1935. The total value of products of the industry for 1937, $301,291,547, exceeded the 1935 figure, $239,152,130 by 26 percent, according to preliminary figures compiled from returns of the recent Biennial Census of Manufactures, release by the Bureau of the Census. This industry, as classified for census purposes, embraces establishments engaged primarily in the manufacture of soap in bars and cakes and in granulated, powdered, and liquid form, and of cleansers, scouring powders, and washing compounds containing soap made in the same factories.

The number of establishments in 1937 totaled 232, compared with 238 in 1935. The cost of materials was placed at $185,169,789, against 139,423,048 in 1935.

U.S.Gypsum Establishes Industrial Fellowship

The United States Gypsum Company, Chicago, has established an industrial fellowship in the Mellon Institute, Pittsburgh. According to Dr. Edward Weidlein, director of the institute, the fellowship will conduct fundamental research on various products manufactured by the United States Gypsum with the objective of developing new processes and technics which will have a broad application in the field of building materials.

Insecticide and Fungicide Trade Had Upturn in 1937

Manufacturers of insecticides and industrial and household chemical compounds reported that the number of wage earners employed in 1937 was 4,322, as compared with 3,466 reported for 1935, and wages paid last year amounted to $4,659,372, an increase of 37 percent over $3,401,387, the figure for 1935. The total value of products of this industry for 1937, $71,168,239 exceeded the 1935 figure, $53,429,197, by 33.2 percent, according to the Bureau of Census. There were 573 establishments in 1937, against 546 in 1935. Cost of materials totaled $34,103,393, against $24,343,531 in 1935.

Alabama Chemists Elect

S. S. Heide, of Birmingham, has been elected chairman of the Alabama section of the American Chemical Society. With Mr. Heide as vice-president will be J. F. Montgomery, Tuscaloosa, first vice-chairman; and C. A. Basore, Auburn, second vice-chairman. Other new officers of the society are to be secretary-treasurer, J. T. Vann, Birmingham; councilor, J. S. Carothers, Anniston; J. F. Carle, W. M. Mobley, A. R. Bliss, jr., all of Birmingham, members of the executive committee, and C. S. Whittet, Birmingham, contributing editor. Dr. E. Emmet Reid, professor-emeritus of Johns Hopkins University, spoke on "Organic Compounds of Sulfur" at the last meeting of the group.

Botanical Drugs, Spices, and Gums

Considerable Downward Revision of Prices Noted as End of the Year Approaches—Some Recessions Exceptionally Sharp —Business Generally Spotty and Irregular

Numerous revisions downward featured the market for botanical drugs last week. Information in hand indicated that the lack of normal trade during the past month had led to quiet but fairly well concealed shading of prices, resulting in business having been done at private terms affording the manufacturing consumer substantial savings. During the past week trade was exceptionally spotty and at few times during the period under review was it more than conservative and routine in quantity and quality.

While a fair amount of business has been booked for delivery after January 1, on the whole there has been perhaps less of that sort of activity that normally prevails in the market during the closing weeks of most years. Yet the feeling was that the new year would fetch a revival of more steady demand from manufacturing consumers.

While declines in prices were numerous, the general feeling was that the basis of the botanical drug market as a whole, especially as concerned medicinal items, was on the firm side. Certainly no general disposition to break price schedules could be found and full maintenance of values was felt to be certain if demand be normal during the first quarter of the coming year.

Entries of botanicals at the port of New York since the week of January 1, 1938, the detention of these items by the Department of Agriculture because of the presence of matter rendering them unfit for human consumption were:—

	Bags	
	Detained.	Entered.
Anise	1,065	2,476
Belladonna	51	364
Caraway	1,434	28,036
Cardamom (cases)	49	1,389
Celery	....	2,896
Coriander	2,378	12,226
Cumin	856	1,286
Digitalis leaves (cases)	68	88
Dill	....	653
Fennel	267	1,100
Henbane leaves (bales)	49	181
Mustard	200	32,011
Poppy	800	54,478
Sage leaves (bales)	49	2,062
Sesame	1,360	3,761
Stramonium (bales)	589	655
Thyme (bales)	9	970

Price Changes

Prices were changed during the past week as follows:—

Advanced

Anise, Spanish, ¼c. per lb.
Belladonna root, 1c. per lb.
Cassia, China, select, rolls, 3⅞c. per lb.
Clove, Madagascar, 1c. per lb.
Flaxseed, Indian, blonde, ¼c. per lb.
Lycopodium, 3c. per lb.
Passion flower herb, ½c. per lb.
Pepper, red, Japanese chillies, ⅝c. per lb.
Pimento, ¼c. per lb.
Poppy seed, Polish, ½c. per lb.
Prickly ash berries, nom.
Soapbark, cut, ½c. per lb.

Reduced

Balm of gilead buds, 5c. per lb.
Belladonna leaves, ½c. per lb.
Black haw root bark, 2c. per lb.
Blood root, 1½c. per lb.
Boneset leaves, 2c. per lb.
Culver's root, 3c. per lb.
Echinacea root, 3c. per lb.
Fringetree bark, 4c. per lb.
Ginger root, Japanese, 1c. per lb.
Lobelia herb, 2c. per lb.
Lovage root, imported, 5c. per lb.
Pepper, black, Lampong, ¼c. per lb.
white, Java Muntok, ¼c. per lb.
Saigon, ¼c. per lb.
Senna leaves, T. V., No. 3, ⅝c. per lb.
Skullcap herb, Eastern, 4c. per lb.
Squaw vine leaves, 4c. per lb.
Strophanthus seed, 5c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
118.8	119.0	119.6	137.1

Market news that may have developed after this report was sent to press will be found on page 4.

Balsams

Copaiba.—The market was routine in all respects, being comprised mainly of small orders the total of which was well within the usual limits of trade at the end of the year. Prices remained very steady.

Fir.—Reasonably steady undertones prevailed on the spot and this condition applied equally to trade in either Canadian or Oregon balsam. Trade was routine and along lines normal at this season of the year.

Barks

Black Haw.—Prices on root bark were substantially lower at 21c. to 22c. per pound. Tree bark was fairly easy but lacked quotable changes. The country position of the materials was much easier.

Fringetree.—One quarter named the considerably lower price of 10c. per pound but according to seller the range was to 14c. per pound and most dealers declared that the inside figure was not warranted by present replacement cost.

Sassafras.—Although there seemed to be some unsettlement in the position of select bark, it seemed likely that the element of quality was of importance in gauging the warrantability of some quotations. Apparently 18c. to 20c. per pound was a fair price for good quality merchandise.

Soap.—Cut bark was fractionally higher at 9½c. to 10c. per pound. Other varieties of this bark lacked quotable change and appeared to be reasonably steady as quoted. Demand was routine.

Beans

St. Ignatius.—The market was steady but inactive as the year approached its end. No business was reported and the market was entirely nominal.

Vanilla.—Although there was not much business done last week, it appeared certain that the market would close in strong position under conditions forecasting an equally strong situation with the development of demand after the turn of the year. Foreign market prices were strongly supported and backed weakly by stocks entirely subnormal for the article. Local quotations were very firm and the tendency was upward.

Berries

Prickly Ash.—Stocks of this article were reported exhausted. This seemed to apply alike to the spot and primary markets. Sellers declared inability to secure replacements.

Sloe.—A quiet, but fairly well sustained, market was noted and prices were about steady notwithstanding the absence of much demand for prompt shipments goods. Replacement cost was firm.

Flowers

Chamomile. — Some dealers' views were minimum at 33c. to 35c. per pound, while others offered a fair quality of merchandise at 28c., and asked 32c. for the top grading. The market was distinctly firm despite the lack of much activity.

Lavender.—Spot stocks of select flowers have decreased considerably of late, giving additional strength to prices and keeping them to an upward tendency. Continued good absorption of supplies was forecast for the new year.

Mullein. — Immediate demand was light, but some dealers reported that some consumers were showing a fair interest in deliveries early in January. Such business has been taken at going prices, declared usually to be very steady.

Rose.—Pale buds were almost out of the market and anything available could fetch 45c. per pound with little difficulty. It was a sellers' market and was likely so to continue if demand prove to be all expected of it after the turn of the year.

Saffron.—Spanish flowers were steadier, but prices lacked development. Less tendency toward price competition was noted. Stocks were generally conservative and normal replacement abroad seemed to be definitely difficult.

Gums

Arabic.—Prices continued to retain some of the firmer undertone prevailing at the close of the previous trading period. In fact, some dealers were trying to get 9½c. per pound against a market usually described as being 9c. per pound for sorts. While not much demand prevailed last week, a fair outlook for the new year was felt to exist.

Benzoin.—Sumatra gum prices have become definitely steady on the basis of the recent price decline. A fair, jobbing sort of request was noted last week, but in the main major request seemed to be in abeyance until after the beginning of the new year.

Myrrh.—Prices were very firm. Unsold reserves on spot were moderate in size and immediate increases in stocks was considered unlikely. The tendency of values appeared to be upwardr.

Olibanum.—Fair request was noted, but on the whole only immediate requirements were being covered and the balance of the year was expected to be one of nominal activity. Prices were on the firm side.

Herbs and Leaves

Belladonna. — Spot prices ranged 12½c. to 14c. per pound, depending on quality and sellers. Reports of prices lower than the inside above were heard last week, but if such had been quoted it seemed likely that it had been something of a special character and not the going market.

Boneset.—Offerings at 7c. to 8c. per pound were common on spot last week, but buyers were mainly aloof and the market was expected to remain quiet over the balance of this year.

Lobelia.—Quotations were shaded to 11c. to 12c. per pound and conditions suggested that under special circumstances a slightly lower quotation might rule. Trade was seasonably inactive.

Passion Flower.—The herb was slightly higher at 7½c. to 8c. per pound, but only nominal activity was noted in local circles and on the whole conditions appeared to be seasonably routine.

Skullcap.—Eastern material was down to 16c. to 17c. per pound, bringing spot quotations more definitely into line with recent replacement cost in the country. Western herb remained at 14c. to 15c. per pound.

Squaw Vine.—The market was 11c. to 13c. per pound with not all sellers meeting the minimum of quotations. More competition was reported by most suppliers.

Miscellaneous

Balm of Gilead Buds.—Replacement cost was said to warrant a spot price of 20c. to 21c. per pound and while all dealers were not disposed to meet the figure, competition on that basis was clearly evident.

Ergot.—Inactive conditions were the rule and the general undertone of affairs indicated a moderately easy position for the material. Stocks available in the hands of manufacturing consumers were said to be fairly substantial.

Lycopodium.—The market was up to 93c. to 95c. per pound, a condition certainly warranted by the recent report to the effect that the USSR would ship no goods to this country until another crop, if then.

Manna.—Consumption of this material has dropped considerably since the introduction of competition material manufactured in this country. The market was dull at easy prices last week.

Papain.—No further advance in prices on powdered material took place but the market continued to be definitely firmer in undertone and maintenance of quotations was expected to prevail.

Roots

Belladonna.—The market was 13c. to 15c. per pound according to quality and quantity with a firm position prevailing irrespective of the fact that demand was adversely affected by seasonal influences.

Beth.—Although it was more or less startling, this root was offered as low as 10c. per pound, against other asking

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

IMPORTANT "FIRSTS"

Many of the crude drugs in common use today were commercially introduced to America by the House of Hopkins. Such familiar botanicals as Papain, Henna and Red Squill are only a few of these important "firsts." More vital even than this has been our 48-year record of being first to introduce such handling, testing and storing practices and equipment as maintain maximum active strength in all drugs and specialties bearing our label. Our pioneering, from the start, in maintaining an Analytical Department has made selling-by-assay an accepted fact since then. Over and above all this, you will find it an "Important First" to contact us for any of your crude drug requirements as a means of enjoying every possible advantage in quality, price, delivery and dependability.

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J.L. HOPKINS & CO.
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ALL KINDS OF ROOTS, BARKS, HERBS, GUMS, LEAVES & SEEDS, WHICH ARE USED FOR MEDICINAL PURPOSES; WHOLE, GROUND OR POWDERED
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PROFESSIONALLY MILLED
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Vanilla Beans--Tonka Beans
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A FINER VANILLIN OF EXQUISITE AROMA

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Wisconsin, U. S. A.

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Should You Investigate Our Vanillin?

As a business man, we believe you should, because we know you are interested in the following facts of vital importance to you.

Superior quality and stability.

Low price over a long period, not just to meet an emergency.

We have the largest factory in the world devoted solely to the manufacture of Vanillin. More than enough production to supply the entire industry.

We have dedicated ourselves to the service of the buyer.

1 lb.....$2.25 per lb.
5 lbs..... 2.15 per lb.
25 lbs..... 2.10 per lb.

AROMATICS DIVISION
GENERAL DRUG COMPANY

170 VARICK STREET, NEW YORK
TRANSPORTATION BLDG., LOS ANGELES, CAL.
1220 W. MADISON STREET, CHICAGO, ILL.
907 ELLIOTT STREET, WEST, WINDSOR, ONT.

prices as high as 17c. per pound at the close of last week.

Blood.—Country prices have been more favorable and those on spot were found to be lower at 11½c. to 12c. per pound at the close of last week.

Culvers.—Spot offerings at 13c. to 14c. per pound were more favorable to manufacturing consumers and on the whole most dealers indicated that conditions generally were tending in favor of buyers.

Echinacea.—The market was 17c. to 18c. per pound. Competition was active and actual selling was light. Primary costs were said to have become more favorable.

Lady Slipper.—Lower country prices brought a revision of spot quotations to the basis of 43c. to 44c. per pound. Some dealers considered the reduction to be too drastic and indicated 50c. as a fair price for local selling.

Lovage.—Foreign root was down to 40c. to 45c. per pound in a market noteable mainly for the growth of local competition and lack of substantial interest even for deliveries early in the coming year. It was a buyers' market.

Seeds

Anise.—Spanish seed was slightly higher at 16¼c. to 16½c. per pound as an open market quotation. However, it was not clear that firm orders could not still be placed at 16c. Star seed was steady at the recent decline.

Flea.—Blond Indian seed was cheaper under competition, offerings being made at 7c. to 7½c. per pound. French seed held fairly steady, but call for prompt deliveries was not very active.

Poppy.—Polish seed was a small fraction higher at 7⅝c. to 8c. per pound, but the Dutch article lacked quotable change. For the most part the week was one of nominal activity, and resumption of active trading appeared to await the turn of the year.

Strophanthus.—Kombi seed was reduced once again, making the market $1.05 to $1.10 per pound as the result of competition based mainly on the ability of dealers to replace to advantage in the primary market.

Sunflower.—Unsold stocks in California appeared to have worked into generally firm hands and with an extended season of probably good demand extending ahead values were expected to be maintained.

Spices

Cassia.—One of the sharpest advances ever to take place in prices on China cassia developed last week, when stocks were found concentrated in a single quarter. This direction refused to take orders at less than 12c. to 12½c. per pound, and business was done thereat during the period under review. Other varieties of cassia remained in steady price position.

Clove.—Madagascar spice was up sharply to the basis of 17c. to 17½c. per pound, reflecting the strength that has been more or less consistently increasing for some time past. Zanzibar goods were unchanged.

Ginger.—The sole price change was in the Japanese root, the same being lower at 7⅝c. to 8c. per pound. Other varieties of root in this group were quotably unchanged and apparently in basically steady position.

Pepper.—Black Lampong was shaded to 4½c. to 4¾c. per pound. White Java Muntok was down to 7c. to 7½c. and Saigon white was offered at the same figure. Japanese chillies advanced to 22¾c. to 23¼c. per pound, and Mombassas were exceptionally steady at 22c. to 23c.

Trading in black pepper futures on the New York Produce Exchange from December 17 to December 23, inclusive, comprised 566 contracts, a total of 19,017,600 pounds. Following is a price record for the week:—

	Cents per pound—		
	High.	Low.	Close.
January	4.55	4.15	4.43@4.44
February	4.37	4.35	4.48 Nom
March	4.60	4.26	4.53@4.55
May	4.68	4.35	4.63@4.64
July	4.73	4.43	4.72 sale
September	4.87	4.67	4.80@4.82
November	4.87	4.65	4.87@4.90
December	4.96	4.12	4.93 sale

Pimento.—A fractional advance of the market to 14¼c. to 14⅝c. per pound as the result of a slight but fairly steady broadening in local trading.

Cyclohexylethylamine dithiocarbamate has been ruled by the Bureau of Customs to be dutiable at 40 percent ad valorem plus 7 cents per pound, under paragraph 27 (a) (3) of the tariff act.

Foreign Trade Openings

Correspondence in regard to any of the following trade openings should be addressed to the Bureau of Foreign and Domestic Commerce, Washington, D. C., or to any direct office or co-operative office of the bureau, and not to this publication. When writing give the number of the item:—

Acid, citric:—Agency; Johannesburg, South Africa (8850).

Acid, tartaric:—Agency; Johannesburg, South Africa (8850).

Albumen, blood:—Agency; Helsinki, Finland (8794).

Bismuth carbonate:—Purchase; Sydney, Australia (8791).

Bismuth salts:—Purchase; Sydney, Australia (8791).

Biologics:—Agency; Auckland, New Zealand (8797).

Carbon, black:—Purchase; Calcutta, India (8796).

Chemicals:—Agency; San Jose, Costa Rica (8856).

Chloroform:—Purchase; Sydney, Australia (8791).

Cosmetics:—Agency; Auckland, New Zealand (8797).

Cube root insecticides:—Purchase; Sydney, Australia (8791).

Exterminators, weed:—Agency; Auckland, New Zealand (8797).

Insecticides:—Agency; Cairo, Egypt (8793).

Insecticides:—Purchase; Mombassa, British East Africa (8788).

Iodine, resublimed:—Purchase; Sydney, Australia (8791).

Linseed oil:—Agency; Johannesburg, South Africa (8850).

Lithopone:—Agency; Johannesburg, South Africa (8850).

Petrolatum:—Purchase; Warsaw, Poland (8798).

Pharmaceuticals:—Agency; Mexico City, Mexico (8844).

Pharmaceuticals:—Purchase; Mombassa, British East Africa (8788).

Phenacetin powder:—Purchase; Sydney, Australia (8791).

Potash iodide:—Purchase; Sydney, Australia (8791).

Potash permanganate:—Purchase; Sydney, Australia (8791).

Pyrethrum:—Purchase; Sydney, Australia (8191).

Putty:—Agency; Johannesburg, South Africa (8850).

Soaps:—Agency; San Juan, Puerto Rico (8813).

Soda ash:—Agency; Johannesburg, South Africa (8850).

Soda bicarbonate:—Agency; Johannesburg, South Africa (8850).

Soda, caustic:—Agency; Johannesburg, South Africa (8850).

Sulphur, colloidal, in oil:—Purchase; Paris, France (8795).

Toilet preparations:—Agency; Singapore, Straits Settlement (8824).

Whiting:—Agency; Johannesburg, South Africa (8850).

Zinc oxide:—Agency; Johannesburg, South Africa (8850).

U.S. Revenue Returns Show Decrease in Nov.

Collections of excise taxes by the Bureau of Internal Revenue, Washington, for November, 1938, compared with November, 1937, as follows:—

Taxes Collected

	1938.	1937.
Chewing gum	$5.49	$83,853.79
Crude petroleum, processed	653.06	80,460.00
Coconut, etc., oils, processed	2,659,991.24	2,587,578.80
Distilled spirits, domestic, excise tax $2.25 per gal.	14,053,921.00	13,885,923.00
Distilled spirits, imported, excise tax $2.25 per gal.	1,372,171.00	1,825,608.00
Gasoline	18,808,893.88	18,674,817.07
Lubricating oils	2,469,641.39	2,457,517.36
Matches	5,886.31	261,640.00
Narcotics, including special taxes	24,518.59	20,565.80
Oleomargarin, excise taxes	79,922.52	106,029.20
Oleomargarin, special taxes	22,767.99	37,842.64
Toilet preparations—		
At 5 percent	5,742.70	516,748.83
At 10 percent	825,462.73	866,863.24
Transportation of oil by pipeline	1,013,354.78	922,322.48
Total internal revenue	$304,571,878.58	$325,736,141.31

Quantities Taxed

	1938.	1937.
Distilled spirits, domestic, tax gallons	14,053,921	13,885,923
Distilled spirits, imported, tax gallons	1,372,171	1,825,608
Distilled spirits, rectified, proof gallons	4,665,955	4,983,661
Oleomargarin, colored, pounds	33,618	69,806
Oleomargarin, uncolored, pounds	30,543,808	39,615,380

Ernst Bischoff Company plans to distribute a Christmas bonus of one week's salary to employees with the company prior to September 1, 1938. All lower wage earners will also receive a salary increase of from 5 to 12 percent, depending upon their time of service and position.

Essential Oils, Aromatic Chemicals

Vanillin Rise Reverses Price Trend—Small Stocks of Rue and Tansy Offered at Higher Levels—Algerian and Bourbon Geranium Down—Camphor Scarce

Business was down to volume normally current in the essential oil and aromatic chemical market last week. Sales covered only prompt needs and the total was conservative in size. Most prices were on the low side and hence were generally steady but the strength of camphor, imported, pennyroyal, rue and tansy continued to be productive of higher levels, while geranium, sweet almond, and a few aromatics moved in favor of buyers. Vanillin, however, was prominent for the fact that the recent downward trend of prices was reversed and at the close of the period the market was higher on all varieties of the material.

Sellers were reasonably optimistic for trade after the turn of the year. Although sales of material for delivery after January 1 have been possibly less than might normally be expected, still a very fair booking of such commitments pointed the way toward a more active market later on. Since prices were all on the low side and definitely favorable for buyers' activity, the future of the market appeared to depend solely on the broadening of manufacturing needs and most sellers expect such a development in the not far distant future.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Camphor, sassafrassy, 2c. per lb.
white, 2c. per lb.
Pennyroyal, imported, 15c. per lb.
Rue, 10c. per lb.
Tansy, 15c. per lb.
Vanillin, 10c. per lb.

Reduced

Almond, sweet, 3c. per lb.
Geranium, Algerian, 40c. per lb.
Bourbon, 15c. per lb.
Hydroxycitronallal, 10c. per lb.
Novoviol, methyl, 15c. per lb.
Methyl, extra, 15c. per lb.
Rose, crystals, 50c. per lb.

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
68.7	68.7	69.4	78.0

Market news that may have developed after this report was sent to press will be found on page 4.

Essential Oils

Almond.—Sweet oil was offered spot at 62c. to 63c. per pound and it was intimated that even less might be done with a firm order in hand. Absence of normal demand has tended to ease the market generally.

Amber.—Hand-to-mouth business was sufficient to support the market as quoted for some time past. Inquiry was restricted to small lots last week and actual sales were few. Stocks were of moderate size and held in generally firm quarters.

Anise.—With trade being very quiet, the market was generally in a position reasonably favorable for buyers. However, the foreign situation was changed little and the at present moderately easy spot market could be easily changed into one of advancing trend.

Bay.—Trade was the usually routine sort prevalent at the end of the year. Prices appeared to be quiet and reasonably steady in the absence of much competition.

Bergamot.—Undertones were steady and the market was well held in local quarters despite the fact that demand was naturally restricted to comparatively small quantities. Replacement cost was well maintained.

Camphor.—Prices were entirely nominal and such quotations were on a higher basis entirely warranted by the absence of much spot stock and the difficulty in placing replacement orders in the primary market. Sassafrassy oil in drums was noted at 27c. per pound and the white oil was similarly priced.

Cananga.—Trade has lagged for some time past and it was on a jobbing basis throughout the past week. Prices lacked quotable change, appearing to be generally steady.

Capsicum (Oleoresin).—Raw material prices were particularly strong and also some higher last week. This gave additional strength to this oleoresin which, however, was not in especially good request.

Cassia.—Open quotations lacked change but it was intimated that competition was present in some degree and the position appeared to be favorable for buyers. The basic position of the primary market material remained one indicative of conditions that could easily turn values on spot toward higher levels.

Celery.—The range was narrower but inside quotations lacked change on a steady but not active market. Prices were $7.50 to $8.75 per pound, according to quality and seller.

Cinnamon.—The top quality of Ceylon oil was higher at $25 per pound, but the quotations on ordinary material remained at $8.50 per pound. Business was normally quiet.

Citronella.—Ceylon oil lacked further quotable change but it was still under competitive influences in which the very low price of Java oil for shipment played no inconsequential part. Trade in Ceylon oil, spot and forward, was light. Consumers considered shipment quotations too high as compared with the Java oil.

Clove.—Hand-to-mouth business was fair but on the whole buyers were aloof from the market so far as prompt shipment merchandise was concerned. Some fair business on contract for new year delivery was reported done at firm prices.

Erigeron.—Small stocks checked against small demand and the result was a standoff. In all respects it was a sellers' market.

Eucalyptus.—Prompt business was naturally small but some fair trade has been done in 1939 deliveries and the market as a whole appeared to be generally steady and clear from such competition.

Geranium.—Prices were lower at $2.85 to $3.50 per pound for Algerian, and $2.50 to $2.85 for Bourbon oil, prevailing according to quality. Turkish oil held steady but prices failed to attract much buyer interest.

Grapefruit.—Producers have ample stocks and a huge production capacity. Hence they are seeking to find new uses for this article which has not caught on substantially in this country but which has found increasing favor with foreign manufacturers.

Ginger.—Stability of raw material costs has gradually developed resistance to declines in the spot price for oil. However, conditions were still favorable for manufacturing consumers. Local business was light last week.

Lemon.—California oil was firm and well stabilized. Outlook for trade after the turn of the year was reported to be very good and a steady flow of high quality oil was expected to move to domestic manufacturing consumers. Messina oil was unchanged on spot and prices for the same appeared to be very steady. Price concessions noted recently appeared to have been made on oil of questionable quality.

Orange.—California expressed and distilled oils remained in well stabilized price position at levels highly attractive when compared with the quotations on foreign made expressed materials. Immediate demand was not especially active but a fair outlook existed for 1939. Foreign oils were offered liberally. New crop of African was available at low prices but failed to attract buyers here. On imported oils, conditions appeared to favor buyers.

Patchouli.—Top quality oil was lower at $4.10 per pound, while a fair to av-

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

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erage article was quoted at $3.75, steady and well maintained on the basis of an apparently firm replacement position.

Pennyroyal.—Imported material was higher at $1.90 to $2 per pound, emphasizing once more the stronger situation at the source and the absence of much competition in local circles.

Peppermint.—The end of the year period was typically dull. Orders were few and small, but notwithstanding the lack of more substantial interest on the part of manufacturing consumers, sellers took a very steady view on prices and held them well in line with the lack of unsettlement in the primary market. The smaller crop this year has created an entirely stable market.

Rue.—Difficulty in getting shipment goods continued and with high prices prevailing on such oil as could be obtained, local quotations continued to be advanced. Late last week, the market was $2.95 to $4 per pound. Reserves were low.

Tansy.—Quotations were higher at $6.75 to $7 per pound and the future appeared to be one of strength based on the far below normal size of unsold stocks both on spot and in the hands of primary market producers.

Aromatic Chemicals

Acetophenone.—Quiet trade at steady prices indicated a more or less complete stabilization of the market for this material.

Amyl Salicylate. — Considering the time of year, a steady movement of this article was indicative of well maintained requirements of buyers and a generally well stabilized market, both as to demand and prices.

Benzyl Compounds.—The end of the year period has proven thus far to be very quiet. Orders for prompt shipments were infrequent, but no more so than normally prevails at this season of the year. Prices in general appeared to be well stabilized and in firm position.

Diphenyl Oxide.—Trade has been generally satisfactory for some time past and the situation prevailing last week was one generally in line with trade toward the end of most years. Pricewise, the market appeared to be generally steady and signs of an early change were not apparent.

Ethyl Cinnamate.—The closing weeks of the year are proving to be normally quiet. Fundamentally, the market was felt to be steady to firm and values were well held at all times during the past week.

Hydroxycitronellal.—The so-called A variety was lower at $2.40 per pound. The B was unchanged at $2. Demand was light, but the outlook for trade after the turn of the year was thought to be encouraging.

Linalool.—A quiet and uneventful week was reported. Trade was normal for the time of year and the general situation appeared to be steady in keeping also with the season. Prices were well maintained.

Linalyl Acetate.—Some fair-sized inquiries indicated that with the turn of the year movement into consumption stood an excellent chance of showing improvement. In the meantime, prices during this quiet season of the year were holding very steady.

Novoviol.—Methyl was lower at $3.15 per pound, while the methyl extra was also down to $3 75. Other varieties of this material appeared to be steady and lacking in quotable change.

Phenylacetaldehyde. — Quotations were shaded to the basis of $2.10 per pound for the 50 percent material. The 100 percent lacked quotable change at $3.50. Trade was irregular.

Phenylethylphenyl Acetate. — Values were steady in a market lacking much in the way of competition. Business was conventionally within the seasonal limits usual to the market at this time. Prices were well maintained.

Phenyl Propyl Alcohol.—Not much demand was noted, buyers showing considerable reserve. However, there was a steady undertone in the market and stabilization was expected to continue after the turn of the year.

Rhodinol.—Prices ranged $5.75 to $6.75 per pound, prevailing according to quality with the top grade of material showing an easier and generally more favorable position.

Rose Crystals. — The market was shaded to $3.25 per pound under the influence of competition which was possibly the more active because of the generally restricted consumer interest displayed of late.

Vanillin.—Quotations were advanced 10c. per pound. Material made from guaiacol and lignin were priced basically at $2.10 per pound in 25-pound lots; 5-pound lots, $2.20; 1-pound lots, $2.25. Vanillin made from eugenol was also higher at $2.20 for 25-pound lots, and $2.30 for 5-pound quantities.

C.P. Wilson Manages Exchange Products Dep't

—Continued from page 4

the Exchange products companies in Corona and Ontario.

Meanwhile he had worked on a good many sales problems that involved technical knowledge of the products being sold—citric acid, lemon oil, orange oil, citrus pectin, and citrus juices being among them. He has made three trips to Europe in connection with the affairs of California Fruit Growers Exchange, Ltd., a British corporation selling Exchange products in Europe and Africa, the business of which company has grown very materially during the last several years.

The products department of the California Fruit Growers Exchange is the sole selling agent for the Exchange Lemon Products Company and the Exchange Orange Products Company, and in order to take care of that work the department has been developed into three operating divisions, namely, executive or administrative division; the sales division, of which M. L. Chapman is sales manager; and the credit and accounting division, which is under the direction of D. M. Keith.

Mr. Wilson expresses great confidence in the future of the citrus products business of California, and he states that his department has fifteen or more well-trained salesmen, many of whom are technical university graduates, who are handling very effectively the difficult sales problems that go with introducing comparatively new products, and having to teach the users what to do with them. Having come through the research work and production work of the citrus products business in California, Mr. Wilson expresses an even more enthusiastic interest in his present responsibilities having to do with the sale of the products, since he well recognizes that only through the expanding sales of those citrus products produced by the Exchange Lemon Products Company and the Exchange Orange Products Company, can the citrus products business of California achieve its greatest success, which is the successful utilization of surplus crops of oranges and lemons.

Edward Thomas Cassel, who retired November 1 as manager of the Exchange products department, was born on a Nebraska farm in 1871. After having been a general agent for the International Harvester Company later vice-president of a bank in South Dakota, he became a citrus planter in California in 1912. He became president of the Aberdeen National Bank, and then moved to California in January, 1912, where he became an orange and lemon grower, building his home on his own grove. He was president of the San Dimas Lemon Association, through which his fruit was shipped, and shortly thereafter became a director of the Exchange Lemon Products Company, of which a few years later he became president and sales manager.

He was elected president of the Exchange Orange Products Company when it was organized in 1920, and in 1925, when the products department of the California Fruit Growers Exchange was organized to sell all the citrus products made by the Exchange Lemon Products Company and the Exchange Orange Products Company, he was made general manager of that department as well as of the two products companies, of which he was also president.

Mr. Cassel went to Europe in 1925, at which time he organized or caused to be organized the California Fruit Growers Exchange, Ltd., a British corporation which sells the citrus products in Great Britain and throughout Europe, and in some of the British colonies. He also perfected arrangements with Wheeler & Huisking, Ltd., London, covering the sale of California orange oil and lemon oil in Great Britain and in Europe.

At the time of his retirement Mr. Cassel was pleasantly remembered by the employees of the various organizations with which he was connected in the citrus products business, by the presentation of a radio with the latest design of automatic record playing attachment. Mr. and Mrs. Cassel, both being very fond of music, derive much pleasure from this instrument.

Fioret Perfume Ruling By F.T.C. Affirmed

The United States Circuit Court of Appeals for the Second Circuit has affirmed the order of the Federal Trade Commission requiring the Fioret Sales Company to cease representing that its perfume is made in France when it is manufactured in the United States by blending imported concentrate and domestic alcohol. The commission had issued a cease and desist order on the grounds that the representation complained of constituted unfair competition.

The circuit court's opinion in its affirmation of the F.T.C. order was written by Circuit Judge Manton. It said, in part:—

By representing their product as an imported perfume, petitioners unfairly compete. The purchaser is unversed in the art of making a finished perfume, and to say that a given perfume is imported must mean to him that the entire fluid is imported, not that only 5 percent of it is. To the purchasers of perfumes imported products are preferable to domestic products. By their conduct, petitioners are infringing upon the interest of the consuming public which purchases under the mistake that it is buying an imported perfume, a product rendered marketable and fit for use. They also compete unfairly with those importers of perfume whose concentrates and alcohol are blended in France and with those tradesmen who import, like petitioners, the concentrates and dilute them with domestic alcohol but who, unlike petitioners, sell their products accurately represented and advise the purchasing public that they are selling a domestic perfume.

Dr. Joseph Kaufman has been elected a director of the Canadian Industrial Alcohol Company.

Andre Firmenich, partner in Chuit, Naef & Cie., Firmenich & Co., Succrs., Geneva, Switzerland, producers of perfume specialties and aromatic chemicals, has returned to Geneva after spending about six weeks in this country calling on the trade with Rupert C. Watson, vice-president and sales manager of Firmenich & Co. this city, which handles the distribution of Chuit-Naef aromatics in the United States.

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Petroleum Solvents, Lubricants, Fuels

Russian Oil Follows Domestic Product in Price Reduction—Demand Slight for Both Materials—Kerosene Shows Price Change in New Orleans

The feature of last week's market was the increase in the prices of Russian oil to follow the advance of the domestic product a few weeks back. The price was increased 3c. to 5c. per gallon.

Although a brisk amount of trading is reported in Tulsa, there is softness developing in all products except the natural gasoline, which again scored a substantial advance. The softness in the refined oil market was believed by observers to be due to the weakening structure of the crude oil field.

The first price change for kerosene in several months was noted at New Orleans, where sellers were quoting at 7⅜c. per gallon, basis refinery, which is a reduction of ⅛c.

The weekly average production of crude oil in the United States for the week ended December 17 was 3,276,300 barrels, an increase of 31,000 barrels from the preceding week's figure, according to the estimate of the American Petroleum Institute. The average daily production for the four weeks ended December 17 was 3,251,500 barrels. Runs of crude oils to stills for the week ended December 17 were reported to the A.P.I. by companies controlling 85.6 percent of the nation's refinery capacity as having averaged 3,245,000 barrels per day.

Solvents and Diluents

The price side of the market for petroleum naphthas and solvents seemed to be in a steady position. New Jersey tankcar prices for V. M. & P. naphthas, reduced last week, failed to affect the New York price, which remained slightly higher. Demands have not been very large during the past few days, and may undergo further shrinkage before the new year.

Aromatic Naphthas.—Prices for these solvents held at the levels established in midsummer, while the demands of the market continued moderately inactive.

Petroleum Thinners. — Consuming demands have been light, due to pre-inventory shrinkage. Although the market was not believed to have been strong, there have been no changes in the tankcar prices in the Eastern section.

Rubber Solvents.—Despite the ½c. per gallon reduction in the New Jersey tankcar price, the New York market continued offering the material at 9½c. per gallon. Demands in both markets were reported steady.

V. M. & P. Naphthas.—Tankcar prices in New Jersey, reduced to 9c. per gallon last week, failed to affect the New York price, which remained steady at 9½c. per gallon. Purchasers were not calling for the materials, and it is expected demands will be slack until the new year.

Markets at Other Centers

Chicago, Dec. 23.—The tankcar gasoline market is still apparently in the readjustment stage, with tone unsettled and the outlook considered to be somewhat uncertain. Volume, stimulated by the fine motoring weather in the interior country, has been exceptionally good. Shpmnets from refineries have reached high totals for the early winter season. Tankwagon markets are still under the influence of the new 67 octane third-grade gasoline. Kerosene is slow and easy. Heating oils have taken a minor price recession because of poor demand caused by mild temperatures. Industrial gas oil is easy. Heavy fuels are moving fairly well. Lubricating oil market conditions seem fairly good.

GASOLINE.—Low octane motor, 3⅝c. to 3⅞c. per gallon; 63-66 octane motor, 3⅞c. to 4⅛c.; 67-69 octane motor, 4⅛c. to 4⅜c.; 70-72 octane motor, 4⅜c. to 4⅝c.; 60-62, 400 endpoint, 3⅝c. to 3⅞c.; 64-66, 375, 4c. to 4⅛c.; 68-70, 360 endpont, 5c. to 5¼c.

KEROSENE.—42-44, water white, 4⅛c. to 4⅜c. per gallon; 41-43, water white, 3⅞c. to 4⅛c.

FURNACE OILS.—Range oil, 3¾c. to 4⅛c. per gallon; No. 1 prime white, 3⅝c. to 4c.; No. 1 straw, 3½c. to 3⅞c.; No. 2 straw, 3⅜c. to 3¾c.; No. 2 dark, 3¼c. to 3½c.; No. 3, 3⅛c. to 3⅜c.; 32-36, dark, industrial gas oil, 2⅝c. to 2⅞c.

FUEL OILS.—No. 4, $1 to $1.10 per barrel; No. 5, 70c. to 80c.; No. 6, 60c. to 70c.

Chicago service station gasoline price, regular grade, including tax, 16.5c., mostly nominal.

Lighter Fractions

The market for petroleum hydrocarbons in the light gaseous solvent group possessed no unusual features last week. Producers in the Midwest have held the prices that have been in force for some time, and latest reports are that the demand has been routine.

Butanes.—Activity in this market remained routine. Price for 16-34 degree material continued to be quoted at 3¾c. per gallon for tankcar quantities, basis Group 3.

Heptanes.—The position of this commodity continued to remain unchanged, with producers quoting 8½c. per gallon for mixed and 9½c. per gallon for normal, both tankcar lots, f.o.b. Group 3.

Octanes.—The market remained steady, with producers quoting 10½c. per gallon for tankcar lots, f.o.b. Group 3.

Petrolatums and Waxes

White Mineral Oils.—The importers of Russian oils have followed the lead of the domestic producers and have reduced their prices from 3c. per gallon for low viscosity to 5c. per gallon for high viscosity. As reported three weeks ago the American oils were lowered 4c. to 5c. per gallon. There has been active buying interest in the domestic accounts since the reductions in both the technical and U.S.P. grades.

Total German production of mineral oil during the first 10 months of the current year amounted to 3,335,115 barrels as compared with 2,619,455 barrels during the corresponding months of 1937, according to a report from the American Consulate at Bremen, made public by the Department of Commerce. This was an increase of 715,000 barrels or about 27 percent.

Paraffin Waxes.—The refiners' wax producers have been principally engaged in writing new contracts for 1939 at prices which have been in effect since the early part of the Summer. There was not much buying interest from either the domestic or the imported accounts and the prices were 2.30c. per pound for 122-124 A.M.P. grade and 2.35c. per pound for the 124-126 A.M.P.

Chicago, Dec. 23.—The refined petroleum wax business is holding well at this time, considering the fact that most buyers are anxious not to purchase excessive amounts of material because of wish to hold inventories to relatively low levels. Stocks held by sellers are causing some concern, but the tone of the market seems steady. Ruling prices are:—122-124, bags, 4c. to 4.05c. per pound; 125-127, 4.1c. to 4.15c.; 127-129, 4.45c. to 4.5c.; 130-132, 4.75c. to 4.8c.; 132-134, 5c. to 5.05c.

Petrolatum.—The market seemed to be in a firm position. The sales movement was moderate. Although there has been no mark-up in price some of the refiners were much stronger in their views than a few weeks back.

Fuels and Lubricants

Gasoline was more active with a steady price during the past week. Both kerosene and bunker fuel prices continued firm although no increased demand of any great proportion was reported. Pennsylvania lubes were unchanged with bright stocks still soft.

Market Conditions

Gasoline.—The demand was a shade more active with the price steady at 6c. per gallon, basis refinery, for the 65 octane material. Production of gasoline for the week ending December 17 was 9,816,000 barrels, according to reports from producers controlling 84.6 percent of the nation's refinery capacity. The estimate of motor-fuel demand for January, 1939, is 36,230,000 barrels, according to the Bureau of Mines. This is an increase of 3 percent over the actual for January, 1938. Stocks of finished and unfinished gasoline on October 31 totaled 69,277,000 barrels, according to the American Petroleum Institute. These stocks increased about 1,200,000 barrels during November, bringing them to approximately 70,450,000 barrels as of November 30, or slightly lower than the same date in 1937.

Kerosene.—The price became firmer due to increased consumption but the refiners continued to quote tankcars of 41-43 water white material at 4¾c. per gallon basis refinery. The Gulf export market was fairly steady.

Fuel and Gas Oils.—The bunker oil market remained in a firm position last week with sellers quoting a price of 95c. per barrel for C grade oil, f.o.b. terminals. Diesel fuel, heating oils, and gas oil remained unchanged in price.

Lubricating Oil.—The Pennsylvania market was reported quiet without much change in price or demand.

Markets at Other Centers

Tulsa, Dec. 23.—Although a substantial amount of trading is occurring in this preholiday week in the refined oil markets there is softness developing in all of the products with the exception of natural gasoline which again scored a substantial advance. There has been no material change in quotations with the exception of the naturals, but there is considerable pressure on all products. Naturals are up ¼c. to ⅜c. per gallon.

The softness in the refined oil markets is traceable to the weakening structure of the crude oil market. Further reductions although not numerous and affecting no very large amount of oil were made in Texas and Michigan. In the latter it amounted to 14 cents a barrel.

Following are the approximate quotations of the various products traded in the mid-continent field based upon group three quotations:—

GASOLINE.—The prices are unchanged although quite soft. The 67-69 octane is 4c. to 4¼c. per gallon with the 70-72 at 4⅜c. to 4¾c. per gallon.

NATURAL GASOLINE. — The lowest quotations for the 26-70 grade have been raised to 3¾c. in Oklahoma and 3½c. in Texas.

DISTILLATES.—The No. 1 prime is quoted at 3⅝c. to 4c. per gallon with most of the trading being in the No. 2 at 3⅝c. to 3¾c. per gallon. No. 3 is 3½c. to 3⅝c. per gallon with gas oils at 3¼c. to 3⅜c. per gallon.

KEROSENE.—Quotations are steady with the 41-43 grade at 3⅞c. to 4⅛c. per gallon and the 42-44, 4c. to 4⅜c. per gallon.

FUEL OIL.—The low grades vary from 40c. to 65c. per barrel below 15 degrees. The 24-28 zero is $1 per barrel and the high cold test at 85c. to 90c. per barrel.

LUBRICANTS.—Prices are unchanged.

Chicago, Dec. 23.—Petroleum diluents and solvents are in fair demand at present, with a rather good demand for the season. Trade is in but there are reports that some price cutting exists. Still, there seems to be a fairly well supported tone in the market as a whole. Ruling prices in tankcar lots except as noted are (tankcar prices, f.o.b. Group 3, Oklahoma):—Blending naphtha, 3¾c. to 4c. per gallon; cleaners' naphtha, 6⅜c. to 6½c., tankcar; 17.5c., tankwagon; petroleum spirits, 5⅜c.

Outputs and Quotas

A comparison of Bureau of Mines calculations for December productions, State allowable quotas where they exist and the American petroleum Institute's estimate for crude production for the week ended December 17, follows:—

	*B. of M. Dept. of Int. calculations.	State allowable.	Estimated output.
Oklahoma ..	500,700	428,000	442,400
Kansas	159,000	163,400	153,500
Texas 1,343,900		†1,724,020	1,266,150
Louisiana ..	248,000	247,580	259,400
Arkansas ...	51,600	‡52,000	50,650
Eastern	169,000	.....	214,600
Michigan ...	51,000	.....	49,650
Wyoming ...	76,100	.....	54,900
Montana	12,600	.....	12,350
Colorado	3,900	.....	3,800
New Mexico.	100,300	93,285	98,000
California ..	589,700	§615,000	670,900
Totals 3,305,800		.....	3,276,300

* These are Bureau of Mines' calculations of the requirements of domestic crude oil based upon certain premises outlined in its detailed forecast for the month of December. As requirements may be supplied either from stocks, or from new production, contemplated withdrawals from crude oil inventories must be deducted from the Bureau's estimated requirements to determine the amount of new crude to be produced.

† Base allowable effective Dec. 1. With the exception of Saturday, December 17, shutdowns are ordered for all Saturdays and Sundays during December. Calculated net 7-day allowable for week ended Saturday morning, December 10, approximately 1,242,279 barrels daily.

‡ Recommendation of central committee of California oil producers.

§ These are November allowables. December allowables are not yet available.

The State of the Petroleum Market

There were no changes in crude oil prices last week. The gasoline market was somewhat stronger.

	Dec. 23	Dec. 16	Last Year
Crude petroleum prices at well (average for ten fields) per barrel.....	$1.11	$1.11	$1.322
Gasoline prices at refineries (at four refining centers) per gallon	.0478125	.0484375	.0525

Petroleum Production—Motor Fuel Stocks

	Barrels 1938 Jan. 1-Dec. 24	1937 Jan. 1-Dec. 24
Commercial crude oil production.....	1,189,536,000	1,243,276,000
	Week ended Dec. 24, 1938	Week ended Dec. 25, 1937
Daily average production	3,263,735	3,429,600
	Week ended Dec. 17, 1938	Week ended Dec. 10, 1938
Estimated motor fuel stock total	69,635,000	68,587,000
Estimated finished motor fuel stock at refineries	39,403,000	37,945,000

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

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to 5½c., tankcar; 16.2c., tankwagon; rubber solvent, 6⅜c. to 6½c.; lacquer diluent, 7⅜c. to 7½c.; Stoddard solvent, 5⅞c. to 6c., tankcar; 15.9c., tankwagon; V. M. & P. naphtha, 6⅜c. to 6½c., tankcar; 16.5c., tankwagon.

New Orleans, Dec. 20.—Kerosene reflected a slight decrease in price during the past week—the first price change noted on this commodity in several months. Foreign inquiries and exports were good. U. S. motor gasoline was quoted at 5c.; U. S. motor below 62 octane at 5c.; 63-67 octane at 5¼c. which was a ¼c. price drop on this grade over the preceding week; and 68-70 octane at 5⅞c.—the foregoing prices being based on a per gallon rate at refinery.

The price of kerosene dropped ⅛c., being quoted at 7⅜c. per gallon at refinery.

Bunker C fuel oil was quoted at 75c. per barrel at terminal and 80c. per barrel delivered alongside, while industrial plants continued to be quoted at $1.36 per barrel, delivered.

C. F. Stevenson has been elected vice-president of the South Penn Oil Company, filling a vacancy created by the death of F. J. Huffman.

Gasoline Freight Reduced

Albany, Dec. 10, 1938

The New York Public Service Commission has approved new commodity freight rates on the following:—

Of the Delaware, Lackawanna & Western Railway on gasoline, blended gasoline and kerosene, tankcars, rates per hundredweight, from Utica to Norwich and Sherburne 6½c.; to Richfield Spring 4c., reduction 1½c.; to New Hartford 4c., reduction ½c. Effective December 27. From Kingston to Ellenville 5c.; Woodridge and Liberty 7c.; to Livingston Manor 8½c.; reduction ½c.; to East Branch, Walton & Delhi, 10½c., reduction 2½c. Effective January 3, 1939.

H.H. Rosenthal Co. Marks Twentieth Anniversary Dec. 28

H. H. Rosenthal Company, importer and dealer in chemicals, drugs, oils, and waxes, this city, will celebrate the twentieth anniversary of its establishment on December 28. During the past twenty years, Mr. Rosenthal has built an organization worldwide in its operations and of increasing influence on the several branches of business conducted in the United States. During the past week, the company's many friends throughout the states wrote and wired their congratulations to the headquarters in this city.

Corporation Earnings Recently Reported

		1938		1937	
	Period.	Net income.	Per share.	Net income.	Per share.
American Zinc, Lead & Smelting Co...	9 mos.	*$184,191	*$0.78	$386,673	$0.07
Anaconda Copper Mining Co.....	9 mos.	5,637,998	.65	26,965,164	3.11
Brillo Mfg. Co.....	9 mos.	188,193	1.06	159,680	.85
Cudahy Packing Co.....	Year	*2,953,895	*7.56	*1,776,100	*5.04
California Ink Co., Inc.....	9 mos.	220,995	2.38	359,077	3.72
Chile Copper Co.....	9 mos.	9,311,197	2.11	17,417,722	3.94
Columbian Carbon Co.....	9 mos.	1,944,459	3.62	3,686,067	6.86
Commercial Solvents Corp.....	9 mos.	*222,002	*.08	1,102,377	.42
Diamond Match Co.....	9 mos.	1,540,269	1.19	1,595,079	1.23
Derby Oil & Ref. Corp.....	9 mos.	*112,924	*.64	435,337	1.44
International Nick Co. of Canada, Ltd.	9 mos.	24,284,374	1.56	38,944,380	2.57
National Oats Co.....	10 mos.	123,722	1.24	96,938	.97
Park & Tilford, Inc.....	9 mos.	278,633	1.08	612,640	2.45
Pure Oil Co.....	9 mos.	3,734,411	.21	.....	...
Spencer Kellogg & Sons, Inc.....	Year	370,187	.73	1,482,286	2.91
Standard Oil of Kan.....	9 mos.	521,497	4.74	611,890	4.54
Swift & Co.....	Year	*4,308,829	*.73	9,214,120	1.56
United Carbon Co.....	9 mos.	1,143,906	2.87	1,917,108	4.82
United Drug Co.....	9 mos.	*569,120	*.42	928,481	.68
Vick Chemical Co.....	9 mos.	1,254,895	1.79	1,007,785	1.44
Vulcan Detinning Co.....	9 mos.	22,822	4.73	313,760	7.25
White (S. S.) Dental Mfg. Co.....	9 mos.	*109,476	*.37	331,224	1.11

* Deficit.

Fertilizer Materials

Blood, Tankage, and Imported Bone Meal and Fish Scrap Show Price Rise—Ammonia Sulphate Price Advances Jan. 3—Sulphur Plant Being Built in Iceland—German Potash Production Increases

Sharply higher prices for dried blood and tankage, both here and in the Midwest, were features of the fertilizer raw material market last week. Although the spot supply of some materials is reported exhausted, buying has been moderately good. Increased purchases by the stock and poultry feeders in the Midwest was believed cause of the price rise.

In accordance with the schedule announced earlier in the year, the price of ammonia sulphate will rise on January 3. Despite this, very little new business in the market was reported. Although there is no overbalance reported, the supply has improved due to the recently increased activity at the coke ovens.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Blood, dom., New York, 10c. per unit-ton.
Bone meal, imp., $1 per ton.
Fish scrap, Japanese sardine meal, $1 per ton.
Tankage, dom., 15c. per unit-ton. import, 5c. per unit-ton.

Reduced

None

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
66.3	66.3	66.3	66.7

Market news that may have developed after this report was sent to press will be found on page 4.

Ammoniates

Nitrate of Soda.—The market continued in a quiet position. A few of the fertilizer producers in the North have started mixing and are ordering part of their requirements. Heavy delivery in bulk, however, is not expected until the end of next month. The price continued steady and unchanged at the rate that has been in effect through the season.

Sulphate of Ammonia.—Despite the price rise expected on January 3, there was very little new business in the market, most of the materials moving out against contracts. The price was firm at the level of $27.75 per ton, f.o.b. cars at nearest Atlantic or Gulf port and/or $1 per ton cheaper f.o.b. car nearest inland producing oven. French financial interests are reported to be considering the erection of an ammonia sulphate plant at Rio Maior, Portugal. The proposed plant will employ the Casale process and the production capacity has been placed at 30,000 metric tons of sulphate annually.

Dried Blood.—The market here advanced last week while the foreign article held steady at a price of $2.90 per unit c.i.f. The domestic price advanced 10c. to $3.25 per unit. Increased buying by stock and poultry feeders in the Midwest was believed cause of the advance.

Fish Scraps.—Japanese sardine meal was strong last week with a price of $46.50 per ton spot and for January shipments from abroad, basis c.i.f. This was an advance of $1 over the previous week's figure.

Nitrogenous Material.—Domestic material at East coast producing points was nominally $2.50 per unit, with little buying interest shown. The imported product continued at $2.50 per unit for shipment from abroad, basis c.i.f.

Hoof Meal.—Little buying interest was shown here. The foreign market was sluggish with material being offered at $2.50 per unit, c.i.f.

Tankage.—Both the foreign and domestic prices for this material were advanced last week. Sales were made in the New York market for ground and unground material at $3.15 and 10c. per unit-ton, an increase of 15c. The imported product rose 5c. to a level of $3.10 and 10c.

Potashes

The market for agricultural potash salts continued in a very quiet position. Most buyers bought for the entire season at the discount prices that were in effect earlier this year. Prices remained steady. Despite declining exports, production of potash in Germany during 1937 increased by 17.3 per cent. A further increase of 19.3 percent was recorded during the first eight months of 1938. The total potash sales of the syndicate, including consignment deliveries abroad, were increased by about 17 percent to approximately 1,730,000 metric tons of pure potash in 1937. A further 11 percent sales gain was reported during the first half of 1938.

Phosphates

The foreign bone meal material market came to life last week with some sellers quoting a price of $22.50 per ton, c.i.f. This was an increase of $1 per ton over the previous week. No price change was noted in the foreign bone meal market. The superphosphate industry remained steady and unchanged. The reopening of a Hungarian superphosphate plant was announced. Demands on sellers of phosphate rock was reported surprisingly brisk for this time of year.

Bone Materials.—Foreign bone meal materials advanced $1 last week to a level of $22.50 per ton, c.i.f. There was no change reported in the domestic market. Little buying interest was shown.

Superphosphate.—Prices at the Baltimore market continued steady and unchanged at $7.50 per ton for the run of the pile and $8 per ton for guaranteed 16 percent, both in bulk, f.o.b. cars, basis Baltimore. The superphosphate plant at Papa, Hungary, idle for the past eight years is to be reopened, it was announced last week.

Phosphate Rock.—An unexpected spurt of business was noted in this market last week. Some producers reported they were pressed to meet the brisk demand.

Sulphur and Pyrites

Deliveries against contracts were moderate and the market was lacking in new features. The sulphur producers have been closing contracts at the recently reduced price basis. A factory is being constructed in Myvatan, Iceland, to work the sulphur deposits found there. A yearly production of from 500 to 600 metric tons is contemplated for the time being. If present plans materialize the output will soon be boosted to a yearly figure of 4,000 metric tons. The product will be sold to British buyers who have already purchased the first production of the factory, according to reports.

Markets at Other Centers

Atlanta, Dec. 21.—The fertilizer material market is in the usual holiday lapse and a revival of trade is not expected until after the first of the year. Fertilizer interests in the South witnessed further farmer votes of thumbs down on tobacco crop allotment in the burley and dark tobacco areas.

Very few price changes are reported. Nitrogenous produced in the Midwest and offered at $2.05 per unit, a 25 cents per ton decline, is reported to have been promptly coveed. Cottonseed meal was firm at slightly higher levels.

Quotations on leading fertilizer materials in this market are as follows:—

SUPERPHOSPHATE.—$8.40 per ton, producing points in interior regions of the South.

NITRATE OF SODA.—Unchanged, $27 per ton, port basis.

SULPHATE OF AMMONIA.—$27.75 per ton, port basis.

COTTONSEED MEAL.—8 pecent grade, $23.75 to $24 per ton, Southeastern points.

BLOOD.—$3.25 per unit, basis Chicago; foreign, $3.10, port basis.

TANKAGE.—$3.25 and 10, basis Chicago; $3.10 and 10, foreign, at ports.

NITROGENOUS.—Midwest, $2.05 per unit; foreign, $2.50, basis ports.

FISH.—Imported meal, $47 per ton, ports; menhaden, $43.50, coast factories; acidulated scrap, $2.50 and 50, ports.

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

Baltimore, Dec. 21.—The market for fertilizer materials showed less life last week than it had for some time. Interest in offerings lagged. Quotations were generally nominal. The figures named were as follows:—

FISH SCRAP.—Stocks of scrap are being added to, but the production falls below the usual output. Quotations are steady at $42 per ton at shipping point. Menhaden meal is held at $50 in carload lots, f.o.b. Atlantic seaboard, while Japanese sardine meal was firm at $47 to $47.50 per ton, c.i.f. for shipment.

TANKAGE.—The last trading in this ammoniate was done at $3.10 and 10 per unit-ton for unground feeding material, with unground fertilizer stocks at $2.80 and 10c. per unit-ton, c.i.f. basis Baltimore. Demands were light.

BLOOD.—This organic remained firm, with the latest transactions concluded at $3.10 per unit-ton, f.o.b. shipping point, and with South American stocks at $3 per unit ton, c.i.f.

SUPERPHOSPHATE.—The market continued unchanged, with producers curtailing output. The prevailing figures are still $7.50 per ton for run of pile, and $8 per ton for 16 percent guaranteed.

TANKAGE.—This ammoniate is attracting some attention with shipment for the first half of 1939 priced at $8 per ton, f.o.b. shipping point.

NITROGENOUS MATERIAL.—Buying interest was slack, with the nominal figures around $2.50 per unit.

BONE.—The market showed more activity than other divisions, with the quotations about $22 to $23 per ton for 3 and 50 ground steamed, and with 4½ and 45 ground raw supplies about $26 to $27 per ton.

Chicago, Dec. 22.—Higher prices have been recorded recently in the general fertilizer materials market. Buying has been good and sellers have moved their prices into considerably stronger market positions. No very large offerings of material are reported here. Buyers are keeping their purchases down as a year-end inventory policy. Blood is strong. Tankage has been bought moderately well recently. Bone materials are mostly in a fairly strong market position, with little change noted in the prices of some materials, while others are higher.

BLOOD.—Principal grade, $3.45 to $3.50 and 10c. per unit of ammonia.

TANKAGE.—High grade, $3.40 to $3.50 and 10c.; unground, $22 to $24; hoof meal, $2.60 to $2.70; liquid stock, $2 to $2.05.

BONE MATERIALS.—Ground, steamed bone, 1¼ and 60 percent, $19 to $21; 3 and 50 percent, $24 to $26; 4½ and 50 percent, $28 to $29; grinding hoofs, pigs' toes and waste horn materials, $35 to $45; cattle jaws, skulls and knuckles, $22 to $24; beef cracklings, soft pressed, $37.50 to $40; pork cracklings, $47.50 to $50; hard pressed cracklings, 75c. to 80c.

San Francisco, Dec. 20.—Buying interest continues good in organic fertilizer materials and the market in that respect is steady to stronger, but the general outlook for the future of the chemical fertilizer business in the next three or four months poor. Most sellers concede there is not much to expect before the Spring spreading season is finished. Mixers state that they have been having quite a slow time of it.

Ruling prices are:—

SULPHATE OF AMMONIA.—Quoted in 100-pound bags at $31.50 per ton, port basis, San Francisco and/or Los Angeles Harbor. Inland points, delivered, $1 per ton extra.

NITRATE OF SODA.—100-pound bags, $29 per ton, ex vessel or warehouse; 200-pound bags, $28.30 per ton, ex vessel or warehouse.

SUPERPHOSPHATE.—Domestic superphosphate is quoted at 75c. per unit in bulk, f.o.b. producer's plant, San Francisco Bay. Bags, quoted at 85c. per unit. Foreign material nominal.

AMMONIA PHOSPHATE.—$40 per ton, single bags, f.o.b. cars, San Francisco; basis 16 percent N., 20 percent P.A. Inland points, delivered, $1 per ton extra; 11 percent N. and 48 percent P.A. material quoted at $53 per ton, cars, port basis and $1 per ton extra for delivery inland.

FISH MEAL.—California sardine meal is quoted on the basis of $42 per ton, f.o.b. cars, Monterey and $42.50 per ton, f.o.b. cars, San Francisco Bay points, with the market moderately active.

TANKAGE.—Unground, fertilizer grade tankage, wet rendered, from domestic packing houses, quoted on the basis of $3.15 and 10c. per unit-ton, f.o.b. cars, San Francisco. High grade, $3.35 and 10c. per unit-ton. Dry rendered, ground, $37.50 per ton, f.o.b. cars; unground, dry rendered, 62½c. per unit of protein. The market remains strong.

BLOOD MEAL.—Domestic blood meal is steady, with the market quoted on the basis of $2.80 per unit, f.o.b. cars, San Francisco.

BONE MEAL.—Domestic steamed bone meal, depending upon quality and seller, quoted at from $25 to $29 per ton, delivered Pacific Coast ports.

Canadian Fertilizer Output Up in 1937

Production by plants in Canada engaged principally in the manufacture of fertilizers was valued at $10,266,953 in 1937, compared with $7,075,831 in 1936. In addition, there was a production of 255,549 tons of fertilizer materials valued at $5,745,806 in 1937 and 198,848 tons at $4,299,732 in 1936, by establishments which were classified to other industrial groups, according to the Dominion Bureau of Statistics, Ottawa, Canada.

The total production of mixed fertilizers from all industries amounted to 243,802 tons, worth $6,130,523 at the factories in 1937, this total, including 223,716 tons at $5,593,964 made by plants in the fertilizer manufacturing industry and 20,086 tons at $536,559 made in the meat-packing plants and glue factories. In 1936 the corresponding total was 175,703 tons at $4,222,567 and in 1935 the output amounted to 145,844 tons at $3,442,017.

Texas Gulf Producing Company has made final payment to the National City Bank, this city, and the Houston National Bank, Tex., liquidating the $1,500,000 indebtedness incurred on its three-year note dated June 1, 1938.

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ALTHEA ROOT—32 bgs, Exochorda, Leghorn
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114 cs, A Hurst & Co, Hansa, Bremen
POWDER—40 dms, T D Downing & Co, Hansa, Hamburg
AMMONIA, CARBONATE—10 cs, 1 ton, 1 cwt, 2 qtr, 25 lbs, J Turner & Co, Port Darwin, Liverpool
CRYSTAL—4 cs, Yardley & Co, American Merchant, London
4 cs, Yardley & Co, Ausonia, London
SULPHATE — 800 bgs, Bradley & Baker, Veendam, Rotterdam
SULPHOCYANIDE—45 kgs, 3 tons, 14 cwt, 3 qtrs, 15 lbs, American Cyanamid & Chem Co, Laconia, Liverpool
ANTIMONY, ORE — 310 bgs, Philipp Bros, Santa Barbara, Arica
REGULUS—100 kgs, Emile Francqui, Antwerp
253 cs, Black Eagle, Antwerp
150 cs, Black Eagle, Rotterdam
ARCHIL LIQUID — 1 ck, Penchot Color & Chem Co, Laconia, Liverpool
ARECANUT—134 bgs, R J Prentiss & Co, Markhor, Colombo
56 bgs, R J Prentiss & Co, Kota Radja, Padang
ARROWROOT—5 cks, 5 cs, American Farmer, London
ARSENIC—83 bbls, Curtin-Howe, Mormacport, Stockholm
POWD—1 ck, Industrial Sales Corp, Robert Maersk, Rotterdam
ASBESTOS—4,800 bgs, Raw Asbestos Distr Co, West Isleta, Beira
3,693 bgs, Johns Manville Co, West Isleta, Capetown
150 bgs, Union Asbestos & Rubber Co, West Isleta, Capetown
2 bgs, Amtorg Trading Corp, Stari Bolshevick, Leningrad
20 bgs, Ausonia, London
ASPHALT—960 bgs, Central Com'l Co, Seatrain New York, Havana
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ASPHALTUM—267 bgs, Seatrain New York, Havana
BALSAM—1 cs, A Chiris & Co, Exochorda, Marseilles
BARIUM CHLORATE—800 bbls, 37,250 lbs, International Selling Corp, West Cusseta, Havre
BARYTES—300 bgs, 33,000 lbs, Whittaker, Clark & Daniels, Black Tern, Rotterdam
BASILIC LEAVES—6 bls, Peek & Velsor, Excello, Marseilles
BAUXITE RESIDUE — 100 bgs, Whittaker, Clark & Daniels, City of Flint, Dundee
BERRIES, MEDICINAL—12 bgs, American Farmer, London
BLACK, VEGETABLE—2 cs, 385 lbs, Walter Bros, Black Eagle, Antwerp
2 cs, 385 lbs, F D Van Nostrand, Black Eagle, Antwerp
BLUE, BLEACHERS—5 bbls, A De Ronde & Co, Laconia, Liverpool
BOILER COMP—10 dms, Baker, Carver & Morrell Ship Supplies, Oslofjord, Oslo
BONEMEAL—1,104 bgs, Hansa, Hamburg
BRISTLES—2 cks, 8 cs, Chesnut, Cooper & Co, Queen Mary, Southampton
10 cs, F H Cone & Co, Black Osprey, Antwerp
5 cs, Polack Co, Ascania, London
40 cs, American Merchant, London
4 cks, 5 cs, F W Von Stade, American Merchant, London
55 cs, N Wagman & Co, Eurybates, Singapore
7 cs, Globe Shipping Co, Hansa, Hamburg
11 cs, F H Cone & Co, West Cusseta, Havre
5 cs, Banque Belge pour l'Etranger, Veendam, Rotterdam
2 cs, F H Cone & Co, American Farmer, London
10 cs, American Farmer, London
3 cs, M Broverman & Son, American Farmer, London
BRONZE POWDER—1 cs, T D Downing & Co, Hansa, Hamburg
BUCHU LEAVES—6 bls, S B Penick & Co, Queen Mary, Southampton
7 bls, Morton Lilly & Co, American Merchant, London
BUCKTHORN BARK—267 bls, Amtorg Trading Corp, Stari Bolshevick, Leningrad
CALCIUM METALLIC—5 cs, Hansa, Hamburg
16 cs, C Hardy, Excello, Marseilles
16 cs, C Hardy, Exochorda, Marseilles
NITRATE—300 bgs, Synthetic Nitrogen Prod Co, Oslofjord, Berlin
CANAIGRE ROOT—16 bls, P H Petry & Co, Orizaba, Vera Cruz
CANARY SEED—252 bgs, Mormacrio, Buenos Aires
80 bgs, F H Elmaleh, Examiner, Casablanca
749 bgs, Southern Prince, Buenos Aires
CARAWAY SEED—200 bgs, 22,000 lbs, Levy & Levis Co, Nieuw Amsterdam, Rotterdam
100 bgs, 11,000 lbs, M Witsenburg, Nieuw Amsterdam, Rotterdam
800 bgs, 88,000 lbs, Amtorg Trading Corp, Stari Bolshevick, Leningrad
200 bgs, 22,000 lbs, Cats American Co, Robert Maersk, Rotterdam
CAROB BEANS—150 cs, Chase Natl Bank, Excello, Thessaloniki
200 cs, Alfred E Freeman, Exochorda, Alexandria
CASEIN—80 bgs, Wm Woodward, Exochorda, Alexandria
88 cs, Exochorda, Alexandria
40 bgs, Exochorda, Marseilles
CASSIA—221 bls, Wood & Selick, Kota Radja, Padang
FISTULA—50 bskts, Kota Radja, Macassar
VERA—101 bls, A G Dunn, Kota Radja, Padang
CASTOR BEANS—11,037 bgs, Baker Castor Oil Co, Mormacrio, Bahia
1,700 bgs, Mormacrio, Bahia
875 bgs, Amor, Port de Paix
CHALK, BLOCK—2,035 tons, Taintor Trading Co, West Cusseta, Dunkirk
COMMON—1,600 bgs, R L Watkins & Co, Ascania, London
PRECIPITATED—100 bgs, C B Chrystal & Co, American Merchant, London
CHAMOMILE FLOWERS—85 cs, Roma, Trieste
CHARCOAL COMP—10 cs, Exochorda, Marseilles
CHEMICALS—125 cks, Advance Solvents & Chem Co, Nieuw Amsterdam, Rotterdam
25 dms, Th Goldschmidt Corp, Nieuw Amsterdam, Rotterdam
5 dms, 2 jugs, Nieuw Amsterdam, Rotterdam
1 cs, E I duPont de Nemours & Co, Nieuw Amsterdam, Rotterdam
5 dms, Ciba Co, Nieuw Amsterdam, Rotterdam
100 bgs, 58 cks, Innis, Speiden & Co, Emile Francqui, Antwerp
10 cs, Mallinckrodt Chem Works, Hammaren, Gothenburg
15 bbls, Universal Carloading Distr Co, Hammaren, Gothenburg
6 dms, Ciba Co, Queen Mary, Southampton
125 dms, 50 crbys, Industrial Sales Corp, Black Osprey, Antwerp
105 cs, 6 bbls, Kungsholm, Gothenburg
1 cs, Penson & Co, Fort de France, Havre
20 dms, Advance Solvents & Chem Co, Idefjord, Oslo
40 bbls, Chemical Marketing Co, Scanpenn, Gdynia
8 cs, Yardley & Co, American Merchant, London
3 cs, Riedell de Haen, Hansa, Hamburg
125 bbls, 2 cks, E I duPont de Nemours & Co, Hansa, Hamburg
5 cks, Hummel Chem Co, Hansa, Hamburg
34 cks, 1 cs, Jungmann & Co, Hansa, Hamburg
40 cks, Robinson-Wagner Co, Hansa, Hamburg
100 bgs, Innis, Speiden & Co, Hansa, Hamburg
1 cs, Allondon Bayonne Co, Hansa, Hamburg
8 cks, 383 bgs, 35 dms, Hansa, Hamburg
1 cs, Pfaltz & Bauer, Hansa, Bremen
150 bgs, Innis, Speiden & Co, Hansa, Bremen
50 cks, 10 cs, Philipp Bros, Hansa, Bremen
150 bgs, 75 cks, Hansa, Bremen
33 cks, Innis, Speiden & Co, Black Tern, Rotterdam
70 cks, Heemsoth-Kerner Corp, Black Tern, Rotterdam
20 dms, 1 cs, Advance Solvents & Chem Co, Black Tern, Rotterdam
3 cks, Rohner-Gehrig Co, Ausonia, London
51 dms, Advance Solvents & Chem Co, Westernland, Antwerp
25 bottles, Philip Bauer & Co, Westernland, Antwerp
20 cs, Eric Wedemeyer, Veendam, Rotterdam
7 cs, Sandoz Chem Works, Veendam, Rotterdam
5 cs, Lo Curto & Funk, American Farmer, Havre
2 cs, Hoffmann La Roche, Champlain, Havre
3 cs, Rohner, Gehrig Co, Champlain, Havre
CHROME ORE—2,505 tons, 17 cwt, 26 lbs, E J Lavino & Co, West Isleta, Lourenco Marques
CIVET—1 cs, Steel Mariner, Aden
CLAY—15 cks, Hansa, Bremen
CLOVES—450 bls, West Isleta, Zanzibar
COAL DUST—21 dms, Black Tern, Rotterdam
COALTAR DERIVATIVE—1 dm, General Aniline Works, Nieuw Amsterdam, Rotterdam
INTERMEDIATES—20 dms, General Aniline Works, Nieuw Amsterdam, Rotterdam
30 dms, 8 jugs, General Dyestuff Corp, Nieuw Amsterdam, Rotterdam
PRODUCTS—1 cs, Allondon Bayonne Co, Hansa, Hamburg
COBALT, METAL—33 cs, Central Trading Corp, Hammaren, Helsingfors
38 cks, 5 cs, Central Trading Corp, Ilsenstein, Antwerp
OXIDE — 53 kegs, Central Trading Corp, Hammaren, Helsingfors
COCOA BEANS—900 bgs, Curacao Trading Co, Ponce, Sanchez
750 bgs, Curacao Trading Co, Ponce, Puerto Plata
550 bgs, Curacao Trading Co, Borinquen, Trujillo
250 bgs, Cristobal, S P ports
500 bgs, Amor, Puerto Cabello
50 bgs, Wessel, Duval & Co, Amor, Port de Paix
2,000 bgs, National City Bank, Browning, Bahia
2,000 bgs, Browning, Bahia
600 bgs, Fruit Dispatch Co, Munargo, Havana
1,000 bgs, Wessel, Kulenkampf & Co, Leif, Trujillo
1,100 bgs, Geck Trading Co, Leif, San Pedro
1,000 bgs, Wessel, Kulenkampf & Co, Leif, Sanchez
250 bgs, W R Grace & Co, Southern Prince, Port Spain
100 bgs, Southern Prince, Port Spain
RESIDUE—1,184 bgs, H J Baker & Bros, Black Eagle, Rotterdam
4,488 bgs, H J Baker & Bros, Black Tern, Rotterdam
29 bgs, Veendam, Rotterdam
COCONUTS—58 bgs, Simon French Co, Coamo, San Juan
125 bgs, Coamo, San Juan
307 half bgs, Universal Import & Export Co, Puerto Rico, Mayaguez
36 bgs, General Food Corp, Emilia, Mayaguez
COCONUTS—831 bgs, General Food Corp, Emilia, San Juan
5 bgs, Goldfarb Novity Co, Emilia, San Juan
479 bgs, I L Toledano Corp, Emilia, San Juan
288 bgs, Puerto Rico Fruit Exchange, Borinquen, San Juan
200 bgs, Universal Import & Export Co, Borinquen, San Juan
21 bgs, J Di Cristina, Borinquen, San Juan
900 bgs, I L Toledano Corp, Cristobal, Cristobal
270 bgs, E J Taub, Veragua, Kingston
1,526 bgs, General Food Corp, Veragua, Kingston
COLORS — 2 cs, E H Friedrichs, Emile Francqui, Antwerp
20 cks, Fulton Dye & Import Co, Fort de France, Havre
1 cs, Akatos, Inc, Hansa Hamburg
2 kegs, Charles Lowe & Co, Laconia, Liverpool
COALTAR—5 cks, General Dyestuff Corp, Veendam, Rotterdam
EARTH—48 cks, Fezandie & Sperrle, Hansa, Bremen
CORIANDER SEED—200 bgs, Van Loan & Co, Examiner, Casablanca
300 bgs, E E Marks & Co, Examiner, Casablanca
CORK—41 cs, Atlantic Forwarding Co, Black Osprey, Antwerp
15 bls, Bisbe Cork Co, Ausonia, Southampton
SHAVINGS—916 bls, N Y & Cuba Mail S S Co, Examiner, Lisbon
433 bls, Veendam, Rotterdam
VIRGIN—675 bls, Armstrong Cork Co, Examiner, Lisbon
WOOD—74 bls, Wicander & Co, Laura C, Algiers
1,249 bls, Mitchell & Smith Co, Examiner, Casablanca
403 bls, Wicander & Co, Examiner, Lisbon
300 bls, Examiner, Lisbon
COTTON LINTERS—100 bls, Mormacrio, Santos
CUBEBS—32 bgs, J L Hopkins & Co, Dolius, Singapore
CUMIN SEED—120 bgs, Exochorda, Alexandria
CUTTLEFISH BONES—624 cs, Exochorda, Marseilles
DERRIS ROOT CHIPS—100 cs, W M Allison & Co, Kota Radja, Samarang
DRAGONS BLOOD—1 cs, Bank of Manhattan, Eurybates, Belawan Deli
DRUGS—2 cs, Lo Curto & Funk, American Farmer, London
DYES, ALIZARIN—16 cks, 20 dms, 4 jugs, 1 cs, General Dyestuff Corp, Nieuw Amsterdam, Rotterdam
ANILIN—38 dms, 157 cks, 1 cs, General Dyestuff Corp, Nieuw Amsterdam, Rotterdam
6 dms, Sandoz Chem Works, Nieuw Amsterdam, Rotterdam
138 dms, 2 cs, Ciba Co, Nieuw Amsterdam, Rotterdam
14 dms, Ciba Co, Queen Mary, Southampton
71 kgs, Carbic Color & Chem Co, Queen Mary, Base
1 dm, E I Du Pont de Nemours Co, Port Darwin, Liverpool
2 cks, 1 pkg, General Dyestuff Corp, Hansa, Hamburg
3 bbls, L & R Organic Prod Co, Westernland, Antwerp
5 cks, Geigy Co, Laconia, Liverpool
1 dm, E I Du Pont de Nemours Co, Laconia, Liverpool
14 cks, L & R Organic Prod Co, Veendam, Rotterdam
7 dms, Sandoz Chem Works, Veendam, Rotterdam
14 cks, Fulton Dye & Import Co, Champlain, Havre
5 cks, 10 cns, 48 kgs, Carbic Color & Chem Co, Champlain, Havre
1 dm, E I Du Pont de Nemours Co, Champlain, Southampton
20 cks, 2 cs, Geigy Co, Champlain, Havre
EARTH, MINERAL—2 cs, Wessel, Duval & Co, Cristobal, Central Amer Ports
FENNEL SEED—10 bgs, Laura C, Palermo
100 bgs, Southern Prince, Buenos Aires
FERTILIZER—110 bgs, F B Vandegrift & Co, Ausonia, London
FILTER, PAPER—2 cs, H Reeve Angel & Co, Ascania, London
FLAXSEED—4,035 tons, 161,400 bus, Bunge North American Grain Co, Tureby, Santa Fe
1,775 tons, 71,000 bus, Bunge North American Grain Co, Tureby, Rosario
1,100 tons, 44,000 bus, Bunge North American Grain Co, Tureby, La Plata
5,530,900 kilos, 221,236 bus, Archer Daniels Midland Co, Normandie, Rosario
499 tons, 19,960 bus, L Dreyfus & Co, Southern Prince, Buenos Aires
15 bgs, 33 bus, L Dreyfus & Co, Southern Prince, Buenos Aires
FLEASEED—10 bgs, Ideal Trading Co, Exochorda, Marseilles
60 bgs, Kachurin Drug Co, Exochorda, Marseilles
50 bgs, Associated Lab, Exochorda, Marseilles
FULLER'S EARTH—100 bgs, 22,000 lbs, L A Salomon & Bros, American Merchant, London
GAMBIER — 260 cs, American Dyewood Co, Eurybates, Belawan Deli
425 cs, L Littlejohn & Co, Eurybates, Belawan Deli
255 cs, Eurybates, Belawan Deli
340 cs, Chase National Bank, Kota Radja, Belawan Deli
GELATIN—1 cs, T M Duche & Sons, Port Darwin, Liverpool
1 cs, Rohner, Gehrig & Co, Fort de France, Havre
2 cs, Dingelstedt & Co, Hansa, Bremen
20 bgs, T M Duche & Sons, American Traveler, Liverpool
57 bls, Bank of New York Trust Co, Robert Maersk, Rotterdam
POWDERED—26 bbls, International Selling Corp, Ilsenstein, Antwerp
35 bbls, R D McLellan, Black Tern, Rotterdam
25 bbls, International Selling Corp, Westernland, Antwerp
SHEET — 1 cs, International Selling Corp, Ilsenstein, Antwerp
17 cs, American Express Co, Black Tern, Rotterdam
GINGER ROOT—9 bgs, Caribbean Trading Co, Borinquen, San Juan
60 bgs, Gillespie & Co, Veragua, Kingston
GLASS, PLATE—13 cs, Semon Bache & Co, Black Osprey, Antwerp
4 cs, Hansa, Hamburg
184 cs, Globe Shipping Co, Hansa, Hamburg
3 cs, Semon, Bache & Co, Black Eagle, Antwerp
5 cs, Ednal Co, Laconia, Liverpool
SHEET—1,000 cs, Black Osprey, Antwerp
1,200 cs, Ilsenstein, Antwerp
GLASS, SHEET—1,250 cs, Petrocelli, Beusse & Rogers, Black Eagle, Antwerp
2 cs, Ednal Co, Laconia, Liverpool
WINDOW—906 cs, Emile Francqui, Antwerp
45 cs, Semon, Bache & Co, Black Osprey, Antwerp
10 cs, T J Atcheson Glass Co, Black Osprey, Antwerp
1 cs, Semon, Bache & Co, Fernmoor, Leghorn
13 cs, Semon, Bache & Co, Hansa, Hamburg
55 cs, National City Bank, Ilsenstein, Antwerp
12 cs, Leo Popper & Son, Hansa, Hamburg
5 cs, Semon, Bache & Co, Black Eagle, Antwerp
12 cs, Seymour G Cole, Black Eagle, Antwerp
1,250 cs, Robert Maersk, Rotterdam
550 cs, National City Bank, Westernland, Antwerp
GLUE—40 bgs, G H Hemmel, Laconia, Liverpool
HIDE—150 bgs, H S Head, Roma, Trieste
200 bgs, Roma, Trieste
GLUESTOCK—336 bgs, J J Murphy & Co, Port Darwin, Liverpool
GLYCERIN—726 dms, Amtorg Trading Corp, Stari Bolshevick, Leningrad
39 dms, Armour Soap Works, Exochorda, Marseilles
GRAPHITE—250 bgs, Asbury Graphite Mills, Dolius, Colombo
1 ck, W H Muller & Co, Exochorda, Marseilles
GREASE, WOOL—20 bbls, Hummel Chem Co, Emile Francqui, Antwerp
50 bbls, Hummel Chem Co, Hansa, Bremen
30 bbls, American Traveler, Liverpool
29 bbls, Laconia, Liverpool
25 bbls, Hummel Chem Co, Laconia, Liverpool
GUAIAC EXTRACT—3 cs, Mormacrio, Buenos Aires
GUM, ARABIC—100 bgs, Thurston & Braidich, Markhor, Port Sudan
200 bgs, Innis, Speiden & Co, Markhor, Port Sudan
23 bgs, Exochorda, Marseilles
BENZOIN—2 cs, Givaudan-Delawanna, Excello, Marseilles
COPAL—40 bgs, O G Innes Corp, Emile Francqui, Antwerp
30 bgs, J Meyer & Son, Emile Francqui, Antwerp
20 bgs, Gillespie, Rogers, Pyatt Co, Black Eagle, Antwerp
92 baskets, Chase National Bank, Kota Radja, Batavia
61 bgs, O G Innes Corp, Kota Radja, Macassar
145 baskets, Chase National Bank, Kota Radja, Macassar
508 baskets, France, Campbell & Darling, Kota Radja, Macassar
DAMMAR—200 bgs, 200 cs, Thurston & Braidich, Eurybates, Batavia
750 bgs, D Hecht & Co, Eurybates, Batavia
50 bgs, 50 cs, Stroock & Wittenberg, Eurybates, Batavia
35 bgs, American Cyanamid & Chem Co, Eurybates, Singapore
50 cs, Stroock & Wittenberg, Eurybates, Singapore
25 bgs, Guaranty Trust Co, Kota Radja, Batavia
75 cs, Manufacturers Trust Co, Kota Radja, Batavia
50 cs, Chase National Bank, Kota Radja, Batavia
200 bgs, O G Innes Corp, Kota Radja, Batavia
100 cs, Stroock & Wittenberg, Kota Radja, Batavia
300 bgs, Kota Radja, Batavia
210 bgs, O G Innes Corp, Kota Radja, Singapore
100 cs, France, Campbell & Darling, Kota Radja, Singapore
140 bgs, D Hecht & Co, Kota Radja, Singapore
80 cs, Irving Trust Co, Kota Radja, Batavia
GAMBOGE—2 cs, Eurybates, Singapore
KAURI—390 bgs, City of Dalhart, Adelaide
LABDANUM—12 cs, Exochorda, Marseilles
LOCUST BEAN—30 bgs, Stein, Hall & Co, Exochorda, Alexandria
15 bgs, J L Hopkins & Co, Exochorda, Alexandria
25 bgs, T M Duche & Sons, Exochorda, Genoa
MASTIC — 12 cs, Ionian Bank, Exochorda, Piraeus
SANDARAC—20 bbls, R H Elmaleh, Examiner, Casablanca
8 bbls, O G Innes Corp, Examiner, Casablanca
TRAGACANTH—13 bgs, 5 cs, E Meer & Co, American Farmer, London
68 cs, E Meer & Co, Exochorda, Beyrouth
GYPSUM—400 bgs, 40 tons, Whittaker, Clark & Daniels, Port Darwin, Liverpool
4,600 tons, U S Gypsum Co, Gypsum Empress, Windsor
4,600 tons, U S Gypsum Co, Gypsum Queen, Windsor
1,021 bgs, Whittaker, Clark & Daniels, Gitano, Hull
5 cks, American Farmer, London
HENNA LEAVES—103 bgs, Markhor, Suez
POWDERED — 1 cs, Titan Shipping Co, American Merchant, London
HERBS, MEDICINAL — 3 bls, F D Keller, Black Osprey, Antwerp
60 bgs, Hansa, Hamburg
32 bls, Peek & Velsor, Roma, Trieste
12 bls, Bisleri & Co, Exochorda, Marseilles
24 bls, J L Hopkins & Co, Exochorda, Marseilles
HOPS—11 bls, S S Stiner, Emile Francqui, Antwerp
72 cs, Atlantic Forwarding Co, Black Osprey, Antwerp
75 bls, Bode & Voigt, Hansa, Hamburg
15 bls, Globe Shipping Co, Hansa, Hamburg
4 bls, R F Downing & Co, Black Eagle, Antwerp
31 bls, Globe Shipping Co, Black Eagle, Antwerp
47 bls, Rohner, Gehrig Co, Roma, Trieste
110 bls, Roma, Trieste
INDIGO—3 cks, General Dyestuff Corp, Nieuw Amsterdam, Rotterdam
IRISH MOSS—30 bls, P H Petry & Co, Fort de France, Havre
IRON CHLORIDE—75 cks, 37,155 lbs, Philipp Bros, Hansa, Hamburg
ORE—10 bgs, Ascania, London
1 cs, Mercantile Import & Export Co, Examiner, Casablanca
OXIDE—320 bbls, Reichard Coulston, Black Osprey, Antwerp
3 bbls, Robinson Wagner Co, Black Osprey, Antwerp
80 bbls, Whittaker, Clark & Daniels, Examiner, Malaga

IRON OXIDE—227 bbls, C J Osborn & Co, Examiner, Malaga
40 cks, J Lee Smith & Co, Gitano, Hull
15 cks, J Lee Smith & Co, Laconia, Liverpool

JUNIPER BERRIES—89 bgs, McKesson & Robbins, Emile Francqui, Antwerp
167 bgs, 22,000 lbs, Knickerbocker Mills Co, Fernmoor, Leghorn
5 bls, P H Petry & Co, Orizaba, Vera Cruz

LAUREL LEAVES—275 bls, Commi Bank of Greece, Fernbrook, Piraeus

LAVENDER FLOWERS—50 bls, Exochorda, Marseilles
31 bls, S B Penick & Co, Exochorda, Marseilles

LEAVES, MEDICINAL—79 bls, Excello, Marseilles
66 bls, Exochorda, Marseilles

LECITHIN—25 dms, Hansa, Hamburg

LICORICE ROOT—15 cs, 2 bgs, Fernmoor, Alexandretta
1 bg, Tannin Corp, Fernmoor, Alexandretta

LITHOPONE—400 cks, Benj Moore & Co, Veendam, Rotterdam

MACE—22 cs, J F Frank, Eurybates, Macassar
16 cs, Kota Radja, Batavia
16 cs, Catz American Co, Kota Radja, Padang

MAGNESIA, CALCINED—10 bbls, Schofield, Donald Co, American Traveler, Liverpool
15 cs, Schofield, Donald Co, Laconia, Liverpool

CARBONATE—1 bg, Schofield, Donald Co, American Traveler, Liverpool
50 bgs, Schofield, Donald Co, Laconia, Liverpool

HYDRATE—30 cs, Schofield, Donald Co, American Traveler, Liverpool

SILICATE—9 cks, Meadows, Wye & Co, Ascania, London

MAGNESITE—2,947 bgs, Amtorg Trading Corp, Stari Boshevick, Leningrad

MANGANESE—23 cks, Exochorda, Marseilles

CHLORIDE—20 cks, Ilsenstein, Antwerp

MANGANITE ORE—50 cks, Hansa, Hamburg

MARJORAM LEAVES—11 bgs, J Victory & Co, Borinquin, Trujillo
2 bgs, Felix Mujica, Borinquen, Trujillo

MATCHES, SAFETY—2,550 ctns, 20 cs, N Y Match Co, Kungsholm, Gothenburg
20 cs, N Y Match Co, Braheholm, Gothenburg
12,599 cs, Amtorg Trading Corp, Stari Bolshevick, Leningrad
100 cs, Westernland, Antwerp

MEDICINAL PREPS—10 cs, E Fougera & Co, Fort de France, Havre
4 cs, Burrough, Wellcome & Co, American Merchant, London
25 cs, A G Dal, Exochorda, Genoa
14 cs, J Personeni, Exochorda, Genoa

MENTHOL—4 cs, Allondon Bayonne Co. Hansa, Hamburg

MICA—145 cs, Gillespie-Rogers-Pyatt Co, Markhor, Calcutta
7 cs, Philadelphia National Bank, Markhor, Calcutta

BLOCK—90 cs, Markhor, Calcutta

SCRAP—100 cs, Southern Prince, Buenos Aires

MILLET SEED—150 bgs, H Schoenfeld & Son, Roma, Trieste

MINERAL SUBST—8 cs, Draeger Shipping Co, Hansa, Hamburg

MOLASSES—592,000 kilos, W R Grace & Co, Santa Barbara, Supe
1,323,885 gls, Commi Molasses Corp, Comol Cuba, Caibarien

MUSTARD SEED—150 bgs, Frank Tea & Spice Co, Nieuw Amsterdam, Rotterdam
200 bgs, Charles Gulden, Excello, Catania
300 bgs, Charles Gulden, Black Tern, Rotterdam

NAPHTHALENE — 1,000 bgs, P R Kohler, Black Osprey, Antwerp
5,020 bgs, Amtorg Trading Corp, Stari Bolshevick, Leningrad

NUT MEAL—5 kegs, American Farmer, London

NUTMEG—70 bgs, Catz American Co, Robert Maersk, Rotterdam
20 bgs, Kota Radja, Batavia
230 bgs, H P Winter & Co, Kota Radja, Padang
321 bgs, W J Bush & Co, Kota Radaj, Padang

OCHER—45 bgs, 1 ton, 3 qtrs, 16 lbs, Port Darwin, Liverpool
80 bgs, 25 cks, Wishnick-Tumpeer, Excello, Marseilles
88 bgs, Reichard-Coulton, American Traveler, Liverpool
18 cks, Stanley Doggett, Exochorda, Marseilles
94 cks, 600 bgs, C K Williams & Co, Exochorda, Marseilles
25 cks, J Lee Smith & Co, Exochorda, Marseilles
25 cks, 175 bgs, Exochorda, Marseilles
10 cks, 50 bgs, Reichard-Coulston, Exochorda, Marseilles
25 cks, 80 bgs, Wishnick-Tumpeer, Exochorda, Marseilles

OIL, ALMOND—46 cs, Exochorda, Marseilles
4 cs, Geo Luecders & Co, Exochorda, Marseilles

ANISE—5 dms, Eurybates, Singapore

BERGAMOT—150 qtr cs, Lo Curto & Funk, Laura C, Messina

CITRONELLA—10 dms, Irving Trust Co, Markhor, Colombo
14 dms, Continental Bank Trust Co, Eurybates, Batavia
12 dms, Eurybates, Batavia
8 dms, Kota Radja, Sourabaya
8 dms, National City Bank, Kota Radja, Batavia

COCONUT—6,685 tons, Spencer Kellogg & Sons, Elizabeth Kellogg, Manila

COD—100 dms, Oslofjord, Kristiansund
115 cks, Oslofjord, Bergen
52 cks, F W Damon, Belle Isle, St John's

CODLIVER — 100 bbls, Schieffelin & Co, Idefjord, Bergen
1,000 bbls, International Vitamin Corp, Idefjord, Bergen
70 dms, 6 bbls, H H Rosenthal Co, Idefjord, Bergen
25 dms, P R Dreyer, Idefjord, Aalsund
50 dms, R J Prentiss & Co, Idefjord, Bergen
450 dms, Consumers Import Co, Gitano, Hull
650 dms, McKesson & Robbins, Gitano, Hull

CORN—37,541 kilos, Black Osprey, Rotterdam
76,883 kilos, Black Osprey, Antwerp
449 dms, Corn Product Refining Co, West Cusseta, Dunkirk
51,895 kilos, Black Eagle, Antwerp
60,912 kilos, Black Eagle, Rotterdam
1 tin, I R Boody & Co, Veendam, Rotterdam

COTTONSEED — 413 tons, Southern Cotton Oil Co, Stentor, Liverpool
Quantity, Southern Cotton Oil Co, Southern Prince, Santos

ESSENTIAL—18 dms, Antigua, Puerto Barrios
9 cs, Queen Mary, Southampton
23 cs, Fort de France, Havre
4 cs, American Merchant, London
2 cs, Hansa, Hamburg
10 pkgs, Ausonia, London
10 cs, Champlain, Havre
46 pkgs, Exochorda, Marseilles

EUCALYPTUS—6 dms, Lo Curto & Funk, City of Dalhart, Melbourne
28 dms, Orbis Product Corp, City of Dalhart, Sydney

OIL, FUEL—95,000 bbls, Standard Oil Co of N J, Kaldform, Aruba
46,000 bbls, Standard Oil Co of N J, Leda, Aruba
65,000 bbls, Standard Oil Co of N J, P H Harwood, Aruba
30 dms, E L Wynne, Southern Prince, Buenos Aires
76,108 bbls, Asiatic Petroleum Corp, Vardaas, Curacao

GERANIUM—19 dms, Exochorda, Marseilles

LAVENDER—4 dms, Chase National Bank, Exochorda, Marseilles

LIME—8 dms, Dodge & Olcott Co, Southern Prince, Port Spain

LINSEED—10 dms, Black Tern, Rotterdam

LUBRICATING—35 dms, Ilsenstein, Antwerp

MAWRAH—10 dms, West Isleta, Mombasa

MINERAL—125 dms, Heemsoth-Kerner Corp, Hansa, Hamburg

OLIVE—47 cks, 125 cs, Laura C, Palermo
100 dms, Rhode Island Hospital National Bank, Laura C, Algiers
450 cs, Fernmoor, Leghorn
25 cs, Examiner, Malaga
20 dms, Examiner, Lisbon
10 dms, National Bank of Greece, Fernbrook, Piraeus
25 dms, Ionian Bank, Fernbrook, Piraeus
30 dms, Excello, Marseilles
80 dms, American Express Co, Excello, Marseilles
5 dms, J P Smith & Co, Excello, Marseilles
34 cks, Anton Marfat, Roma, Trieste
87 cs, 10 bbls, Roma, Naples
30 cs, Exochorda, Jaffa
50 dms, Bank of Greece, Exochorda, Piraeus
125 dms, Bank of Athen, Exochorda, Piraeus
100 dms, Welch, Holme & Clark, Exochorda, Piraeus
100 dms, 140 cs, 6 bbls, Exochorda, Piraeus
100 cs, 14 bbls, Exochorda, Naples
270 cs, Exochorda, Leghorn
10 dms, J R Tolibia, Exochorda, Genoa
75 dms, Atlantic & Pacific Tea Co, Exochorda, Genoa
25 dms, Pastene & Co, Exochorda, Genoa
10 dms, Napoli Market, Inc, Exochorda, Genoa
50 dms, Ungerer & Co, Exochorda, Genoa
1,275 cs, Exochorda, Genoa
50 cs, Exochorda, Marseilles
75 dms, H Baccara & Son, Exochorda, Marseilles
13 dms, Schroeder Bros, Exochorda, Marseilles

OLIVE SULPHUR—186 dms, Leghorn Trading Co, Examiner, Lisbon

PALM — 50 dms, Balfour, Guthrie & Co, Nieuw Amsterdam, Rotterdam
1,380 tons, Van Leeuwen, Boomkamp & Co, Dolius, Belawan Deli
480 tons, Van Leeuwen, Boomkamp & Co, Eurybates, Belawan Deli
516 tons, Eurybates, Belawan Deli
75 cks, Balfour, Guthrie & Co, Black Tern, Rotterdam
15 dms, Welch, Holme & Clark, Laconia, Liverpool
165 dms, I R Boody & Co, Veendam, Rotterdam

PEANUT—50 dms, Simone Bros, Black Tern, Rotterdam
6 cks, Amtorg Trading Corp, Stari Bolshevick, Leningrad

PETITGRAIN — 10 cs, Mormacrio, Buenos Aires

SESAME—10 dms, La Manna, Azema & Farmer, Scanpenn, Copenhagen
1 tin, I R Boody & Co, Veendam, Rotterdam

SPERM—15 dms, American Traveler, Glasgow

TEASEED—52 dms, Balfour, Guthrie & Co, Terukawa, Shanghai

THYME—2 dms, Exochorda, Marseilles

OLEIN—2 bbls, George Basch Co, Gitano, Hull

OPIUM—2 cs, Excello, Istanbul

ORRISROOT—20 bgs, 2,239 lbs, J L Hopkins & Co, Fernmoor, Leghorn

PAPAIN—21 cs, Chase National Bank, Ascania, London
8 cs, S B Penick & Co, Ascania, London

PAPRIKA—180 bgs, Examiner, Lisbon
125 bgs, Hansa, Bremen
360 bgs, Roma, Trieste

PARAFFIN—1 cs, Akatos, Inc, Hansa, Hamburg
1,694 bgs, Standard Oil Co of N J, Kota Radja, Palembang
560 bgs, Asiatic Petroleum Corp, Kota Radja, Balikpapan

PATCHOULI LEAVES—3 bls, Eurybates, Batavia

PEATMOSS—2,863 bls, Stari Bolshevick, Leningrad
350 bls, Premier Peatmoss Corp, Veendam, Rotterdam

PEPPER, BLACK—1,050 bgs, Eurybates, Batavia
675 bgs, Eurybates, Oosthaven
4,200 bgs, Kota Radja, Oosthaven

PETROLEUM, CRUDE—108,384 bbls, Standard Oil Co of N J, Peter Huell, Los Piedras
75,000 bbls, Standard Oil Co of N J, Reginolite, Aruba
85,000 bbls, Standard Oil Co of N J, R P Resor, Aruba
69,291 bbls, Gulf Oil Corp, El Grillo, Las Piedras
107,299 bbls, Gulf Oil Corp, Gulfwing, Las Piedras
110,000 bbls, Standard Oil Co of N J, Standard, Aruba

DERIVATIVES—25 dms, Hansa, Hamburg

PIMENTO—200 bgs, United Fruit Co, Veragua, Kingston
100 bgs, J A Manton, Veragua, Kingston
100 bgs, Mincing Trading Corp, Veragua, Kingston
50 bgs, Veragua, Kingston

POPPYSEED—100 bgs, 11,000 lbs, Superintendence Co, Scanpenn, Gdynia
150 bgs, 16,500 lbs, Levy & Levis Co, Black Tern, Rotterdam
100 bgs, 11,000 lbs, H Joel, Robert Maersk, Rotterdam
215 bgs, 23,650 lbs, Catz American Co, Robert Maersk, Rotterdam
50 bgs, 5,500 lbs, Robert Maersk, Rotterdam

POTASH CARBONATE—10 cks, 4,818 lbs, T C Wygandt, Hansa, Hamburg

CYANIDE—56 cs, E I Du Pont de Nemours Co, Hansa, Hamburg

METABISULPHITE—25 cks, International Selling Corp, Exochorda, Marseilles

MURIATE—Quantity, N V Potash Export Mij, Emile Francqui, Antwerp
250 bgs, N V Potash Export Mij, Black Osprey, Antwerp

PERCHLORATE—50 cs, Robinson Wagner Co, Hammaren, Gothenburg

SALT—20 bgs, American Farmer, London

PYRETHRUM FLOWERS—815 bls, West Isleta, Mombasa
375 bls, Terukawa, Otaru

PYRIDIN—1 cs, Monsanto Chem Co, American Traveler, Liverpool

QUEBRACHO EXTRACT—10,340 bgs, Shawmut Bank, Rio Nova, Buenos Aires
500 bgs, Tannin Corp, Southern Prince, Buenos Aires

QUINCE SEED—20 bgs, Vahan Simidian, Exochorda, Beyrouth

RESIN—5 dms, W R Grace & Co, American Farmer, London

RICE FLOUR—168 bbls, Stein, Hall & Co, Black Osprey, Antwerp
300 bgs, Stein, Hall & Co, Black Tern, Rotterdam

ROOT, MEDICINAL—40 bls, F D Keller, Black Osprey, Antwerp
20 bls, Ilsenstein, Antwerp
30 bls, L A Champon, Excello, Marseilles
102 bls, Excello, Marseilles
50 bls, S B Penick & Co, Roma, Trieste

ROSE FLOWERS—19 bgs, Exochorda, Marseilles

ROSIN—11 cks, American Merchant, London

LIQUID—50 dms, Rydboholm, Gothenburg

SAGE LEAVES—25 bls, Roma, Trieste

SAGO FLOUR—362 bgs, National Adhesive Corp, Eurybates, Singapore

SALTPETER—454 bgs, Hansa, Bremen

SEAWEED, POWD—10 bgs, American Farmer, Havre

SEED, MEDICINAL—59 bgs, L A Champon, Exochorda, Marseilles

SHELLAC—100 bgs, 200 cs, E E Androvette, Markhor, Calcutta
200 bgs, 25 cs, Irving Trust Co, Markhor, Calcutta
650 bgs, 75 cs, Guaranty Trust Co, Markhor, Calcutta
100 bgs, National City Bank, Markhor, Calcutta
355 bgs, Wm Zinsser & Co, Markhor, Calcutta
800 bgs, 25 cs, A Hurst & Co, Markhor, Calcutta
100 bgs, Bank of London South America, Markhor, Calcutta
50 bgs, Ralli Bros, Markhor, Calcutta
25 bgs, Philadelphia National Bank, Markhor, Calcutta
200 bgs, 100 cs, Markhor, Calcutta
8 cs, Wm Zinsser & Co, Black Osprey, Antwerp
10 cs, A Hurst & Co, Hansa, Hamburg
9 cs, Wm Zinsser & Co, Ausonia, London

GARNET LAC—50 bgs, Guaranty Trust Co, Markhor, Calcutta

SEEDLAC—200 bgs, E E Androvette, Markhor, Calcutta
300 bgs, Guaranty Trust Co, Markhor, Calcutta
200 bgs, Brown Bros-Harriman Co, Markhor, Calcutta
200 bgs, Commi National Bank, Markhor, Calcutta
400 bgs, Wm Zinsser & Co, Markhor, Calcutta
200 bgs, Corn Exchange Bank, Markhor, Calcutta
350 bgs, Philadelphia National Bank, Markhor, Calcutta
500 bgs, Ralli Bros, Markhor, Calcutta

SIENNA—356 bgs, 77,000 lbs, J Lee Smith Co, Fernmoor, Leghorn

SOAP—11 cs, Titan Shipping Co, American Merchant, London
12 cs, Titan Shipping Co, American Farmer, London
420 cs, Conti Prod Co, Exochorda, Leghorn
271 cs, J P Smith & Co, Exochorda, Leghorn

BASE—94 cs, Yardley & Co, American Merchant, London
94 cs, Yardley & Co, Ausonia, London

SADDLE—4 cs, American Express Co, Ascania, London
3 cs, American Express Co, Ausonia, London

STEARIC ACID—5 cs, Yardley & Co, Ausonia, London

STEARIN CHIPS—11 cs, Yardley & Co, Ausonia, London

SODA CYANIDE—880 cyls, C Hardy, Fort de France, Havre

HYDROSULPHITE—25 kgs, 2 tons, 14 cwts, 2 qtrs, 21 lbs, Philipp Bros, Port Darwin, Liverpool

OXALATE—10 cks, Ilsenstein, Antwerp

SOLVENTS—300 dms, C P Chemical Solvents, Puerto Rico, Ponce
300 dms, C P Chemical Solvents, Emilia, Ponce

SPONGES—25 bls, World Sponge Market, Amor, Turks Island
13 bls, Oriente, Havana
6 bls, Munargo, Nassau
5 bgs, A Statigos, Exochorda, Alexandria

REFUSE—19 bls, Oriente, Havana
9 bls, Royal Bank of Canada, Munargo, Nassau
5 bls, Munargo, Nassau

SQUILL—128 bgs, 11,378 lbs, S B Penick & Co, Laura C, Algiers

STEARIN PITCH—165 dms, Leitch Mfg Co, Gitano, Hull

STEATITE—5 bbls, M Kirchberger, Exochorda, Leghorn

SULPHUR, PRECIP—15 cks, Laconia, Liverpool

SUPERPHOSPHATE—1 bg, P R Kohler, Black Osprey, Antwerp

TALC—300 bgs, 66,000 lbs, Fernmoor, Leghorn
1,200 bgs, Whittaker, Clark & Daniels, Terukawa, Kobe

TANKAGE—1,524 bgs, National City Bank, Southern Prince, Montevideo
334 bgs, Swift & Co, Southern Prince, Buenos Aires

TAPIOCA FLOUR—100 bgs, Sino Java Handel, Eurybates, Batavia
500 bgs, Java American Export Co, Eurybates, Cheribon
150 bgs, Eurybates, Cheribon
4,476 bgs, Stein, Hall & Co, Eurybates, Sourabaya
550 bgs, Rutger, Bleecker & Co, Eurybates, Cheribon
2,200 bgs, Eurybates, Batavia
500 bgs, Overton & Co, Eurybates, Batavia
1,600 bgs, H P Winter & Co, Eurybates, Batavia
1,000 bgs, Stein, Hall & Co, Eurybates, Batavia
267 bgs, Balfour, Guthrie & Co, Eurybates, Pamanoekan
750 bgs, H P Winter & Co, Eurybates, Batavia
2,200 bgs, Kota Radja, Batavia
249 bgs, American Cyanamid & Chem Co, Kota Radja, Batavia
500 bgs, Chase Natl Bank, Kota Radja, Batavia
500 bgs, Manufacturers Trust Co, Kota Radja, Batavia
500 bgs, Bank of New York, Kota Radja, Cheribon
250 bgs, American Cyanamid & Chem Co, Kota Radja, Cheribon
2,249 bgs, Bank of New York, Kota Radja, Batavia
1,100 bgs, H P Winter & Co, Kota Radja, Batavia
1,250 bgs, Kota Radja, Cheribon

TARTAR—184 bgs, Ilsenstein, Antwerp
288 bgs, Excello, Naples

THYME LEAVES—80 bls, Knickerbocker Mills Co, Exochorda, Marseilles

TUBA ROOT—30 bls, Kota Radja, Singapore

UMBER—20 cks, 3 tons, 2 cwt, 3 qtrs, 12 lbs, Whittaker, Clark & Daniels, Port Darwin, Liverpool
50 cks, Bank of Manhattan, Exochorda, Alexandria

UVA URSI ROOT—1 bl, 220 lbs, J L Hopkins & Co, Fernmoor, Leghorn

VALONIA—3,106 bgs, Fernbrook, Canakkale
2,857 bgs, Fernbrook, Oduniuk
663 bgs, Fernbrook, Izmir

BEARD—946 bgs, Fernbrook, Canakkale

CUPS—1,552 bgs, Fernbrook, Canakkale

EXTRACT — 500 bgs, Tannin Corp, Exochorda, Marseilles

VANADIUM—6,634 bgs, W R Grace & Co, Santa Barbara, Callao

VANILLA BEANS—10 cs, Champlain, Havre
50 cs, Integrity Trust Co, Exochorda, Marseilles

VANILLA BEANS—11 cs, Irving Trust Co, Exochorda, Marseilles
49 cs, Exochorda, Marseilles
15 cs, Kota Radja, Batavia

WATER, MINERAL—63 cs, Ascania, London
80 cs, American Merchant, London
50 cs, Ausonia, London
75 cs, D F Young, Ausonia, London
100 cs, Maxfield & McLeer, Ausonia, London
100 ctns, Westergaard Berg Johnson Co, Oslofjord, Fredrikstad
470 cs, Westernland, Antwerp

WATTLE BARK—2,205 bls, West Isleta, Mombasa
3,346 bls, Hammond & Carpenter, West Isleta, Durban

EXTRACT — 100 bgs, Tannin Corp, West Isleta, Durban

WAX—4 cks, Nieuw Amsterdam, Rotterdam
136 bgs, General Dyestuff Corp, Veendam, Rotterdam

BEES—18 bgs, W M Allison & Co, Markhor, Suez
50 bgs, Castilla, Havana
16 bgs, West Isleta, Beira
5 bgs, West Isleta, Dar Es Salaam
50 cs, Orbis Product Corp, West Cusseta, Havre
20 bgs, Mecke & Co, Ponce, Azua
25 bgs, D Steengrafe, Oriente, Havana
6 bgs, Oriente, Havana
6 seroons, Porcella Vicini & Co, Leif, Trujillo
10 seroons, Porcella Vicini & Co, Leif, Puerto Plata
82 pkgs, MacMiller Candle Co, Exochorda, Alexandria
58 bgs, Exochorda, Alexandria

MONTAN—750 bgs, Strohmeyer & Arpe Co, Hansa, Hamburg

OZOKERITE—20 bgs, 1 cs, Heemsoth-Kerner Corp, Hansa, Hamburg
90 cs, West Cusseta, Havre

VEGETABLE—50 bgs, Transylvania, Glasgow

WOOL—1 pkg, American Express Co, American Traveler, Liverpool

WOODFLOUR—600 bgs, B L Soberski, Oslofjord, Frederikstad

YEAST—60 cks, Vulcan Yeast Co, Hansa, Hamburg

ZINC CHLORIDE—20 dms, 11,660 lbs, American Cyanamid & Chem Co, Black Osprey, Antwerp
80 dms, 18,788 lbs, American Cyanamid & Chem Co, Black Eagle, Antwerp

OXIDE — 25 bbls, Philipp Bros, Emile Francqui Antwerp
20 bbls, 5,368 lbs, Reichard Coulston, Excello, Marseilles
35 bbls, American Cyanamid & Chem Co, Exochorda, Marseilles

SULPHIDE—1 ck, C Ash Sons & Co, American Merchant, London

ZINC-AMMONIA CHLORIDE—22 cks, 12,269 lbs, American Cyanamid & Chem Co, Black Osprey, Antwerp
99 cks, 55,178 lbs, American Cyanamid & Chem Co, Black Eagle, Antwerp

New York Transit Imports

ARCHIL LIQUID—10 cks, Laconia, Liverpool, Chicago

ISINGLASS—10 cs, National Carloading Corp, American Merchant, London, Chicago

OIL, CODLIVER—150 dms, McKesson & Robbins, Gitano, Hull, Omaha, Neb

COTTONSEED—408 tons, Swift & Co, Stentor, Liverpool, Chicago

POPPYSEED — 300 bgs, 33,000 lbs, Levy & Levis Co, Black Tern, Rotterdam, Chicago

SPONGES—2 bls, Oriente, Havana, Cleveland
6 bls, Oriente, Havana, Havre
4 bls, Munargo, Nassau, Auckland
3 bls, Munargo, Nassau, Melbourne

REFUSE—70 bls, Munargo, Nassau, Kobe

Baltimore Imports

BONEFLOUR—552 bgs, McKeesport, Hamburg

MEAL—1,603 bgs, Sarcoxie, Hamburg
331 bgs, McKeesport, Hamburg

CHEMICALS—25 casks, 27 dms, Black Condor, Rotterdam
200 bgs, Pipestone County, Bordeaux

CLAY, VALLENDAR—200 csks, Black Condor, Rotterdam

FERTILIZER—544 bgs, Sarcoxie, Bremen

FISH MEAL—1,080 bgs, Naruto, Yokohama

FULLER'S EARTH—150 bgs, McKeesport, London

IRON ORE—7,107 tons, Leo J Buck, Laponia, Narvik
21,200 tons, Bethlehem Steel Co, Bethore, Cruz Grande
21,700 tons, Bethlehem Steel Co, Svealand, Cruz Grande

LICORICE ROOT—6,340 bls, Neuenfels, Basrah

MAGNESITE—3,086 bgs, General Refractories Co, Laura C, Trieste

MANGANESE ORE—5,100 tons, Novasli, Santiago
8,350 tons, Mansepool, Takoradi

MEAKIN MEAL—6,000 bgs, Kiyosumi, Kobe
5,000 bgs, Naruto, Kobe

OIL, CODLIVER—125 dms, Sarcoxie, Hull
25 dms, Black Condor, Rotterdam

FUEL—105,000 bbls, Standard Oil Co of N J, Vancolite, Aruba

LUBRICATING—12 bbls, Sarcoxie, London

PEATMOSS—825 bls, Sarcoxie, Bremen
400 bls, Sarcoxie, Hamburg

PETROLEUM, CRUDE—102,185 bbls, Standard Oil Co of N J, Beacon, Las Piedras

POTASH, CHLORATE—50 dms, Black Condor, Antwerp

MANURE SALT—961 tons, N V Potash Export My, Columbia Maru, Bremen

MURIATE—6,311 tons, N V Potash Export My, Columbia, Bremen

SULPHATE—892 tons, N V Potash Export My, Columbia, Bremen

PYRETHRUM FLOWERS—125 bls, Kiyosumi, Kobe

PYRITES—5,000 tons, Capo Lena, Huelva

SODA SILICOFLUORIDE—200 bgs, Sarcoxie, Hamburg
200 bgs, McKeesport, Hamburg

TALC—1,550 bgs, Pipestone County, Bordeaux

VALONIA EXTRACT—726 bgs, Exmouth, Yera (Mitylene)

WHITING—400 bgs, Black Condor, Antwerp

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Boston Imports

ACID, CRESYLIC—50 dms, American Traveler, Glasgow
1 cs, James Huggins & Co, Laconia, Liverpool
NITRIC—15 dms, Advance Solvents & Chemical Corp, Toronto, Heroen
ALBUMEN, EGG HEN—28 cs, Royal Bank of Canada, Kyusyu, Tientsin
AMMONIAC SAL—20 bbls, 12,390 lbs, Kellerwald, Hamburg
40 bbls, 12,434 lbs, City of Flint, Hamburg
BATH SALT—12 cs, R H Stearns Co, American Merchant, London
1 cs, D C Andrews Co, American Merchant, London
BONE FLOUR—552 bgs, 55,827 lbs, City of Flint, Hamburg
PHOSPHATE, PRECIP—1,730 bgs, 346,003 lbs, Hollingshurst & Co, Black Tern, Antwerp
BRISTLES—55 cs, 14,255 lbs, Stone & Downer, Marchen Maersk, Shanghai
CARAWAY SEED—100 bgs, 11,023 lbs, Boston Brokerage Co, Black Tern, Rotterdam
CASSIA—100 bls, 7,500 lbs, Arthur G Dunn, Marchen Maersk, Hongkong
CHALK, CRUDE—3,350 tons, New England Whiting Co, Erik Boye, London
CHEMICALS—80 csks, 500 bgs, 169,315 lbs, Chemical Marketing Co, Kellerwald, Hamburg
1,338 bgs, 100 csks, 237,079 lbs, Kellerwald, Bremen
130 dms, 58,265 lbs, Chemical Marketing Co, Black Tern, Rotterdam
515 bgs, 32 csks, 230 dms, 201,646 lbs, Black Tern, Rotterdam
125 csks, 58,422 lbs, Chemical Marketing Co, Black Tern, Antwerp
300 bgs, 100 csks, 78,219 lbs, Black Tern, Antwerp
COALTAR DISTILLATE—10 dms, Monsanto Chemical Co, American Traveler, Liverpool
COCOA BEANS—490 bgs, 68,341 lbs, Brown Bros, Harriman Co, Kellerwald, Hamburg
410 bgs, 68,140 lbs, Wessels, Kulenkampff & Co, Kellerwald, Hamburg
250 bgs, 45,000 lbs, Nieschlag & Co, Marchen Maersk, Cristobal
250 bgs, City of Glasgow, Cristobal
COLOR, DRY—3 cs, Croxall Chemical & Supply Co, American Traveler, Liverpool
1 cs, American Express Co, Laconia, Liverpool
EARTH—31 kgs, 14,943 lbs, C L Hauthaway & Sons, Black Tern, Antwerp
POTTERS—1 csk, Laconia, Liverpool
EELGRASS—41 bls, Samuel Cabot, Yarmouth, Yarmouth
EMERY FILLET—1 cs, Atkinson Haserick Co, American Traveler, Liverpool
1 cs, Atkinson Haserick Co, Laconia, Liverpool
FERTILIZER, CHEMICAL MANURE—40 bgs, T D Downing Co, American Merchant, London
33 bgs, American Express Co, American Merchant, London
FISH LIVERS—2 cs, and 1 bx, from Nova Scotia
499 tins, Tai Ping, Yokohama
MEAL—2,500 bgs, 250,000 lbs, National City Bank, Naruto, Yokohama
3,000 bgs, 300,000 lbs, Kyusyu, Mozi
GLASS, SHEET — 757 cs, 54,880 lbs, Black Tern, Antwerp
WINDOW—50 cs, 22,358 lbs, Corn Exchange Bank & Trust Co, Black Tern, Antwerp
879 cs, 71,943 lbs, Biddle Purchasing Co, Black Tern, Antwerp
3,600 cs, 291,347 lbs, American Express Co, Black Tern, Antwerp
GLAUBER'S SALT—250 bgs, 55,115 lbs, City of Flint, Hamburg
GLUESTOCK, FISH—50 bxs, and 2 pkgs, J R Poole Co, Yarmouth, Yarmouth
3 bbls, R H Ranagan, Yarmouth, Yarmouth
HIDE—219 bgs, American Express Co, American Traveler, Liverpool
GLYCERIN, SAPONIFICATION — 21 dms, 24,822 lbs, Mormacrio, Buenos Aires
10 dms, 13,073 lbs, Black Tern, Antwerp
GUM, INDUSTRIAL—10 ck, 2,508 lbs, Exochorda, Marseilles
LOCUST BEAN—40 triple bgs, 2 tons, 2 cwt, 24 lbs, Laconia, Liverpool
IRON, OXIDE—240 bgs, and 5 dms, Reichard-Coulston, American Traveler, Liverpool
MAGNESIA, CARBONATE—226 bgs, 5 tons, 4 cwt, 1 qtr, 20 lbs, Schofield-Donald Co, Laconia, Liverpool
MAGNESITE, CALC—40 bbls, 25,893 lbs, Innis, Speiden & Co, Black Tern, Rotterdam
200 bgs, 44,092 lbs, Black Tern, Rotterdam
NUTMEGS—175 bgs, Lady Drake, Grenada
OCHER—600 bgs, 30,291 lbs, Reichard Coulston, Exochorda, Marseilles
OIL, COCONUT—541 tons, Lever Bros, Marchen Maersk, Manila
CODLIVER—50 dms, 12,676 lbs, C P Washburn Co, Kellerwald, Hamburg
25 dms, 6,338 lbs, Kellerwald, Hamburg
10 dms, Toronto, Bergen
300 dms, United Drug Co, Toronto, Bergen
MINERAL—25 dms, 11,559 lbs, Kellerwald, Hamburg
SOD—55 bbls, 26,958 lbs, Marden Wild Corp, Black Tern, Antwerp
TEASEED—50 dms, 23,030 lbs, Marchen Maersk, Hongkong
60 dms, 27,836 lbs, Marchen Maersk, Shanghai
OSSEIN—1,000 bgs, 111,993 lbs, J O Whitten & Co, Black Tern, Antwerp
1,000 bgs, 101,733 lbs, Atlantic Gelatin Co, Black Tern, Antwerp
1,000 bgs, 113,477 lbs, Black Tern, Antwerp
PAPRIKA—25 bgs, 2,802 lbs, City of Flint, Hamburg
PEATMOSS—400 bls, 56,879 lbs, L E Page, Kellerwald, Bremen
300 bls, 39,705 lbs, Atkins & Durbrow, Kellerwald, Bremen
1,595 bls, 218,233 lbs, Kellerwald, Bremen
850 bls, 93,705 lbs, Charles K Ketzel, Black Tern, Antwerp
100 bls, 14,771 lbs, Atkins & Durbrow, City of Flint, Bremen
300 bls, 45,549 lbs, Peat Import Corp, City of Flint, Bremen
POPPYSEED—100 bgs, 11,023 lbs, Boston Brokerage Co, Black Tern, Rotterdam
POTASH, MURIATE—3,400 bgs, 342,326 lbs, N V Potash Export My, City of Flint, Bremen
SAGO FLOUR—365 bgs, Guaranty Trust Co, Tweedbank, Singapore
SALTPETER—40 csks, 24,251 lbs, E W C Toepfer, Kellerwald, Hamburg
SHELLAC—25 double bgs, 20 cs, 7,478 lbs, J Henry Schroeder Banking Corp, Kellerwald, Hamburg
20 cs, 80 bgs, 17,163 lbs, J Henry Schroeder Banking Corp, Black Tern, Rotterdam
SILICON CARBIDE SIKA—195 csks, American Abrasive Co, Toronto, Stavanger
SOAP, TOILET—26 cs, S S Pierce Co, American Merchant, London
SODA, HYDROSULPHITE—20 kgs, Philipp Bros, American Traveler, Liverpool
50 kgs, 5 tons, 9 cwts, 1 qtr, 14 lbs, Philipp Bros, Laconia, Liverpool
HYPOSULPHITE—300 double bgs, 33,069 lbs, Irving M Sobin Co, Black Tern, Antwerp
SULPHIDE—70 dms, 31,975 lbs, Advance Solvents & Chemical Corp, Black Tern, Rotterdam
STARCH, POTATO—300 bgs, 66,138 lbs, Black Tern, Rotterdam
SULPHUR—4 bgs, Yarmouth, Yarmouth
TAPIOCA FLOUR—280 bgs, Guaranty Trust Co, Tweedbank, Pascoreean
TARTAR—37 bgs, 11,457 lbs, First National Bank, Exochorda, Marseilles
WAX, MONTAN—485 bgs, 73,365 lbs, Strohmeyer & Arpe Co, Kellerwald, Hamburg
VEGETABLE—32 pkgs, 4,479 lbs, Mormacrio, Bahia
WOODFLOUR—300 bgs, 26,455 lbs, Kellerwald, Hamburg

Boston Transit Imports

FERTILIZER, CHEMICAL MANURE—19 bgs, American Express Co, American Merchant, London, for Pittsburgh, Pa
OIL, PINE TAR—10 dms, American Express Co, American Merchant, London, for Fort Wayne, Indiana

Gloucester Imports

CODLIVER OIL CAKE—42 bbls, 9,321 lbs, from Miquelon
OIL, COD—632 dms, and 72 csks, (Imperial gls), from Miquelon
CODLIVER—159 dms, 7,341 Imperial gls, from Miquelon

Houston Imports

BONE MEAL—550 bgs, Livenza, Fiume
COCONUTS—1,286 bgs, Tillie Lykes, Ponce
310 bgs, Margaret Lykes, Cristobal
GLASS, WINDOW—254 cs, Spaarndam, Antwerp
28 cs, Indiana, Antwerp
PEATMOSS—800 bls, Spaarndam, Rotterdam
QUEBRACHO EXTRACT—1,000 bgs, Delnorte, Buenos Aires
WATER, MINERAL—75 cs, Spaarndam, Rotterdam

Los Angeles Imports

AMMONIA, CARBONATE—50 cs, Seattle, Hamburg
PHOSPHATE—4,200 bgs, 418,880 lbs, Kingsley, Trail
2,500 bgs, 280,000 lbs, Thor I, Belgium
SULPHATE—2,800 bgs, 280,000 lbs, Kingsley, Trail
ANTIMONY ORE—85,000 lbs, from Mexico
BONE FLOUR—1,104 bgs, 110,240 lbs, Seattle, Leipzig
PHOSPHATE—1,000 bgs, 100,000 lbs, Wyoming, Brussels
CALCIUM CHLORIDE—102 pkgs, 38,230 lbs, Thor I, Koln
CHALK, CRUDE—1,680,000 lbs, Wyoming, London
CHEMICAL COMPOUND—1,740 lbs, Naruto, Yokohama
600 lbs, Kiyokawa, Kobe
CHILLIES—100 pkgs, 10,000 lbs, Yamakaze, Kobe
4,000 lbs, Yamakaze, Kobe
COCONUT DESIC—3,882 cs, 543,480 lbs, Hopecrest, Manila
35 cs, 4,900 lbs, Bengkalis, Manila
COPRA—4,648,000 lbs, Hopecrest, Phil Isl
815,200 lbs, Gyoko, Cebu
MEAL—40,360 bgs, 4,036,000 lbs, Hopecrest, Manila
DRUGS, ADVANCE—170 lbs, Tai Ping, Shanghai
FERTILIZER COMPOUND—500 bgs, 49,280 lbs, from Osaka
FISH LIVERS, FROZEN—240 tins, 9,600 lbs, Aobasan, Yokohama
GLASS, SHEET—5 cs, 1,160 lbs, Thor I, Brussels
WINDOW—10 pkgs, 5,400 lbs, Wyoming, Brussels
GUARAMA SEED—120 lbs, West Camargo, Para
HOPS—30 bls, 15,720 lbs, Wyoming, Antwerp
KELP MEAL—500 bgs, 50,000 lbs, from Tokyo
LAUREL LEAVES—2,310 lbs, Cellina, Patrasso
MEDICINAL PREPS—1,000 lbs, from Belfast
70 lbs, President Coolidge, Japan
30 lbs, Yamakaze, Kobe
60 lbs, Aobasan, Kobe
NUTMEGS—1,390 lbs, Bengkalis, Sourabaya
OIL, CODLIVER—100 dms, 27,000 lbs, from Hull
CREOSOTE—20 dms, 9,510 lbs, Salacia, Bradford
LUBRICATING—125 dms, 58,980 lbs, Este, Copenhagen
MUSTARD SEED—150 dms, 60,000 lbs, from Osaka
OLIVE—50 dms, 23,070 lbs, from Athens
440 lbs, from Marseilles
RICE BEAN—300 dms, 120,000 lbs, from Osaka
PEATMOSS — 2,250 bls, 315,840 lbs, Este, Bremen
PIMENTO—25 pkgs, 2,680 lbs, Cellina, Kingston
POTATO FLOUR—1,000 lbs, Yamakaze, Yokohama
QUEBRACHO EXTRACT—600 bgs, 63,450 lbs, West Camargo, Buenos Aires
RESIN, VINYL—1,000 lbs, from Montreal
RICE FLOUR—100 lbs, Tatuta, Yokohama
SCHEELITE ORE—150 bgs, 11,280 lbs, from Ensenada
SEAWEEDS—100 lbs, Aobasan, Kobe
SESAME SEED—150 bgs, 30,000 lbs, Hopecrest, Hongkong
140 lbs, Yamakaze, Kobe
SILVERSAND — 448,000 lbs, Wyoming, Antwerp
SOAP, SADDLE—130 lbs, from Birmingham
TOILET—690 lbs, from Paris
SODA, ANTIMONATE — 2 bbls, 1,100 lbs, Seattle, Hamburg
CHLORATE — 500 dms, 50,000 lbs, Este, Geneva
TUNGSTEN, POWD—68 dms, 15,230 lbs, Corrientes, Liverpool
TOILET PREPS—40 lbs, Terukawa, Yokohama
6 lbs, Yamakaze, Kobe
120 lbs, Aobasan, Yokohama
80 lbs, Kiyokawa, Kobe
UREA—1,900 pkgs, 190,400 lbs, Este, Berlin
YEAST—2,200 lbs, Peru, Copenhagen

New Orleans Imports

ARSENIC—82 bbls, Binnendijk, Rotterdam
BAUXITE ORE—2,015 tons, Aluminum Ore Co, Sorvangen, Paramaribo
835 tons, Aluminum Ore Co, Sorvangen, Port of Spain
CHEMICALS—72 csks, Advance Solvents & Chemical Corp, Koeln, Hamburg
162 bbls, Binnendijk, Rotterdam
COCONUTS—1,367 sx, Standard Fruit & S S Co, Cefalu, Ceiba
320 sx, Gansfjord, Kingston
500 sx, A Alamilla, Gansfjord, Belize
790 sx, J Blake, Jr, Gansfjord, Belize
200 sx, A Durand, Gansfjord, Belize
GLASS, WINDOW—15 cs, Pittsburgh Plate Glass Co, Binnendijk, Antwerp
44 cs, Binnendijk, Antwerp
GUM CHICLE—12 bls, Chicle Development Co, Gansfjord, Belize
689 bls, Wm Wrigley, Jr, Gansfjord, Belize
348 bls, Wrigley Import Co, Sixaola, Puerto Barrios
COPAL—216 sx, Binnendijk, Rotterdam
HERBS, MED—100 bls, Melchers, Inc, Kimikawa, Tientsin
OIL, CODLIVER—29 dms, Binnendijk, Rotterdam
OLIVE—100 cs, Monfiore, Genoa
PEATMOSS—6,425 bls, Premier Peat Moss Corp, Binnendijk, Rotterdam
1,150 bls, Peoples National Bank, Binnendijk, Rotterdam
1,500 bls, 100 hlf bls, Binnendijk, Rotterdam
POTASH CHLORATE—250 dms, Schroeder Banking Corp, Koeln, Hamburg
221 dms, International Selling Corp, Binnendijk, Antwerp
350 dms, Binnendijk, Antwerp
SAND, FURNACE—600 sx, Binnendijk, Rotterdam
TALC—500 sx, Monfiore, Genoa

Norfolk Imports

BONEFLOUR—552 bgs, 23 tons, McKeesport, Hamburg
MEAL—500 bgs, McKeesport, Hamburg
CHEMICALS—125 csks, 276 bgs, Advance Solvents & Chemical Corp, Edam, Rotterdam
125 csks, 276 bgs, Advance Solvents & Chemical Corp, Breedijk, Rotterdam
182 dms, Breedijk, Rotterdam
GUM, INDUSTRIAL—100 sks, J P Marston & Co, Boston, Lehigh, Liverpool
OIL, PALM—75 dms, 15 tons, 1 cwt and 13 lbs, Meade-King-Robinson & Co, Lehigh, Liverpool
PEATMOSS—350 bls, Premier Peatmoss Corp, Edam, Rotterdam
SARDINE MEAL—20,000 bgs, Mitsubishi Shoji Kabushiki Kaisha, N Y, Terukawa, Seishin, Korea
SODA, NITRATE—2,450 tons, Chilean Nitrate Sales Corp, Marna, Iquique, Chile
SILICOFLUORIDE—67 bbls, 9 tons, McKeesport, Hamburg
TAPIOCA FLOUR—50 bgs, Edam, Rotterdam
VALONIA EXTRACT, POWD—391 bgs, 29 tons, Exmouth, Yera (Mitylene)

Philadelphia Imports

ACID, CRESYLIC—238 dms, John H Faunce, Manchester Brigade, Manchester
75 dms, Manchester Brigade, Manchester
25 dms, Artigas, Liverpool
FATTY—50 bbls, Laurel Soap Co, Sarcoxie, Hull
ANDALUSITE ORE—1 bg, E J Lavino & Co, West Isleta, Durban
BLUE, WASHING—44 bgs, R T French Co, Sarcoxie, Hull
CANARY SEED—856 bgs, Brown Brothers Harriman & Co, Rio Novo, Buenos Aires
CASSIA—169 pkgs, Glaucus, Batavia
CHEMICALS—400 bgs, 100 casks, Advance Solvents & Chemical Corp, Black Osprey, Rotterdam
22 casks, American Cyanamid & Chemical Co, Black Osprey, Antwerp
115 casks, 2,470 bgs, Kellerwald, Bremen
CHROME ORE—520 tons, 13 cwts, 3 qtrs, 5 lbs, Philadelphia National Bank, West Isleta, Lourenco Marques
CLAY—20 bgs, R T French Co, Sarcoxie, Hull
BOND—20,000 kilos, McKeesport, Hamburg
FIRE—120,000 kilos, McKeesport, Hamburg
TILE—30,000 kilos, McKeesport, Hamburg
CLOVES—100 bgs, Glaucus, Batavia
COCOA BEANS—1,000 bgs, Alegrete, Bahia
COCONUT DESIC—100 cs, Wilbur, Ellis & Co, Kyusyu, Davao
DRUGS—1 cs, Keer Meurer Co, Kellerwald, Hamburg
FERRO CHROME—8 cs, Uddeholm Co, Hammaren, Gothenburg
FERTILIZER—450 bgs, Harshaw Chemical Co, Pipestone County, St Nazaire
907 bgs, Kellerwald, Bremen
FLUORSPAR—150 bgs, Hummel Chemical Co, Pipestone County, Bordeaux
GLYCERIN—68 dms, L Pasternak, Pipestone County, St Nazaire
31 dms, Rio Novo, Buenos Aires
GRAPHITE—552 bgs, New York Trust Co, City of Mobile, Colombo
GREASE, REFUSE—40 bgs, Sarcoxie, Hull
GUM, COPAL—213 bskts, Manufacturers Trust Co, Mapia, Macassar
GYPSUM, CRUDE—6,100 tons, U S Gypsum Co, Gypsum King, Windsor
HONEY—15 cs, John Wagner & Sons, Artigas, Liverpool
KYANITE ORE—1 bx, Samples, Foote Mineral Co, West Isleta, Beira
LITHIUM ORE—1 bg, Samples, Foote Mineral Co, West Isleta, Beira
MACE—44 cs, Catz American Co, Mapia, Macassar
MAGNESITE CLINKERS—9,100 bgs, Naruto Maru, Dairen
MINERALS—385 bgs, Rio Novo, Buenos Aires
MOLASSES—534,837 gls, Commercial Molasses Corp, Kishacoquilles, Caibarien
882,369 gls, Commercial Molasses Corp, Kishacoquillas, Havana
1,138,601 gls, Carrabulle, Barahona
213,135 gls, Carrabulle, San Pedro de Macoris
969,113 gls, Penna Shipping Co, Spencer Kellogg, Hamburg
726,748 gls, Penna Shipping Co, Spencer Kellogg, Havana
MYROBALANS—1,000 pkts, City of Mobile, Calcutta
NUTMEGS—88 bgs, 80 cs, Catz American Co, Mapia, Macassar
OIL, CODLIVER—75 dms, Sarcoxie, Hamburg
110 dms, Consumers Import Co, Sarcoxie, Hull
25 dms, Dichmann Wright & Pugh, Inc, Black Osprey, Rotterdam
440 dms, McKeesport, Hamburg
CORN—27,475 kilos, Black Osprey, Rotterdam
81,457 kilos, Black Osprey, Antwerp
LUBRICATING, WHITE—40 dms, Black Osprey, Antwerp
MUSTARD SEED—60 dms, Naruto, Kobe
OSSEIN—782 bgs, Black Osprey, Antwerp
OXIDE, RED—228 bbls, F B Vandegrift & Co, Black Osprey, Antwerp
PAPRIKA—25 bgs, McKeesport, Hamburg
PEATMOSS—500 bls, Sarcoxie, Hamburg
1,200 bls, Peat Import Co, Sarcoxie, Bremen
750 bls, Marine Midland Trust Co, Black Osprey, Rotterdam
300 bls, Kellerwald, Bremen
PEPPER—50 bgs, Black Osprey, Antwerp
WHITE—698 bgs, Mapia, Tandjong Priok
PETROLEUM, CRUDE—26,499 bbls, Gulf Oil Corp, Caroni, Las Piedras
POLISH, METAL—20 cs, R T French Co, Sarcoxie, Hull
POTASH, KAINIT—46,000 kilos, N V Potash Export Mij, Kellerwald, Bremen
MANURE SALT—137,000 kilos, N V Potash Export Mij, Kellerwald, Bremen
MURIATE—2,632,000 kilos, 200 bgs, N V Potash Export Mij, Kellerwald, Bremen
SULPHATE—3,000 bgs, N V Potash Export Mij, Inc, Kellerwald, Bremen
RAPESEED—400 bgs, Exermont, Constanza
55 bgs, Kellerwald, Hamburg
RICE STARCH, POWD—25 bbls, Quaker Products Co, Black Osprey, Antwerp
SARDINE MEAL—4,000 bgs, Mitsubishi Shoji Kaisha, Kiyosumi, Kobe
2,000 bgs, Naruto, Kobe
SODA, SILICOFLUORIDE — 200 bgs, Kellerwald, Bremen
STEARIN—2 dms, R T French Co, Sarcoxie, Hull
TALC—100 bgs, Hammill & Gillespie, Pipestone County, Bordeaux
TAPIOCA FLOUR — 547 bgs, National City Bank, Mapia, Sourabaya
1,005 bgs, Philadelphia National Bank, Mapia, Cheribon
250 bgs, Chase National Bank, Mapia, Cheribon
7,459 bgs, National City Bank, Glaucus, Sourabaya
1,000 bgs, Philadelphia National Bank, Glaucus, Cheribon
250 bgs, Glaucus, Cheribon
MEAL—5 bgs, Philadelphia National Bank, Mapia, Cheribon
TUBA ROOT—148 bls, Mapia, Cheribon
VALONIA EXTRACT—252 bgs, International Products Corp, Exermont, Piraeus
WAX, VEGTABLE—50 cs, Brown Bros, Harriman & Co, Naruto, Moji
25 cs, Kyusyu, Moji

Portland, Ore., Imports

ANTIMONY REGULUS—50 cs, Wah Chang Trading Corp, Granville, Hongkong
BONEMEAL—1,000 sks, San Mateo, Antwerp
FLAXSEED—1,000 sks, China Import & Export Co, Tatuta, Tientsin (transshipped)
GLASS, WINDOW—200 cs, United States National Bank, San Mateo, Antwerp
PARAFFIN—9 cs, San Mateo, Antwerp

San Francisco Imports

ALCOHOL, DENAT—30 dms, Maliko, Honolulu
ARGOLS—299 sks, Bank of California, N A, Cellina, Marseilles
CALCIUM TARTRATE—303 sks, Bank of California, N A, Cellina, Marseilles
500 sks, Bank of California, N A, Delftdijk, Rotterdam
CAMPHOR—8 cs, S Ishimitsu Co, Yamakaze, Kobe
CARAWAY SEED—50 sks, American Commerce Co, Delftdijk, Rotterdam
CHEMICALS—300 dms, Gyoko, Yokohama
CHINA CLAY—250 sks, Balfour, Guthrie & Co, Delftdijk, Rotterdam
CLAY, BALL—50,243 kilos, Balfour, Guthrie & Co, Delftdijk, Rotterdam
COCONUT DESIC—122 cs, Balfour, Guthrie & Co, Gyoko, Manila
CUMIN SEED—145 sks, Cellina, Marseilles
COPRA—1,892 sks, Monterey, Pago Pago
500 tons, El Dorado Oil Works, Gyoko, Cebu (for Oakland)
400 tons, S L Jones & Co, Gyoko, Cebu (for Oakland)
150 tons, J N Raymond, Gyoko, Cebu (for Oakland)
562 tons, Gyoko, Masbate (for Oakland)
200 tons, Gyoko, Cebu (for Oakland)
CORKS—2 bls, Cellina, Marseilles
DENTIFRICE—2 cs, North American Mercantile Co, Keisyo, Yokohama
DEXTRIN, POTATO—25 sks, Stein, Hall & Co, Delftdijk, Rotterdam
FILTER PAPER—2 cs, Mitsui & Co, Tatuta, Yokohama
FLINT PEBBLES—100 sks, Erria, Copenhagen
FULLER'S EARTH—50 sks, L A Salomon & Bro, Delftdijk, London
GINGER ROOT—28 cs, Manulani, Hilo
1 crt, Lurline, Honolulu
GUM, KAURI—261 sks, Monterey, Suva
HEMPSEED MEAL—7,000 sks, Taylor Milling Corp, Gyoko, Kobe (for Oakland)
INK, WRITING—1 cs, Aoki Taiseido Book Co, Tatuta, Yokohama
LAUREL LEAVES—30 bls, Cellina, Trieste
LINSEED MEAL—500 sks, Balfour, Guthrie & Co, Keisyo, Kobe
3,000 sks, Taylor Milling Corp, Gyoko, Kobe (for Oakland)
MEDICINAL PREPS—3 cs, North American Mercantile Co, Keisyo, Yokohama
1 cs, Mutual Supply Co, Yamakaze, Kobe
2 cs, Pacific Trading Co, Yamakaze, Kobe
MOLASSES—7,690,000 lbs, Makaweli, Nawiliwili
1,212 tons, Makiki, Hilo
OCHER—20 csks, Cellina, Marseilles
OIL, CODLIVER—15 dms, Marshall Dill, Abraham Lincoln, Oslo
25 dms, Abraham Lincoln, Oslo
EUCALYPTUS—1 dm, Monterey, Sydney
MUSTARD SEED, REFD—150 dms, S L Jones & Co, Keisyo, Kobe (optional discharge, Los Angeles)
OLIVE—260 dms, Cellina, Leghorn
100 dms, Cellina, Genoa
360 dms, Cellina, Marseilles
100 dms, A Giuriani Bros, Delftdijk, Rotterdam
PERILLA—60 tons, S L Jones & Co, Tatuta, Kobe
RICE BRAN — Quantity, Mitsubishi-Shoji-Kaisha, Tatuta, Kobe
PEATMOSS—2,100 bls, Wilson & George Meyer & Co, Abraham Lincoln, Oslo
POPPYSEED—50 sks, McClintock-Stern Co, Delftdijk, Rotterdam
200 sks, C M Volkmann & Co, Delftdijk, Rotterdam
50 sks, S H Tyler & Son, Delftdijk, Rotterdam
PYRETHRUM FLOWERS—125 bls, Allaire, Woodward & Co, Yamakaze, Yokohama
RAPESEED—100 sks, Taylor Milling Corpn, Erria, Copenhagen (for Oakland)
SAGE, LEAVES—12 bls, Cellina, Trieste
SIENNA—10 csks, Cellina, Leghorn
SOAP, SOFT—30 tubs, Schou-Gallis Co, Abraham Lincoln, Oslo
TOILET—1 cs, Delftdijk, London
SODIUM CYANIDE—500 dms, American Cyanamid & Chemical Corpn, Delftdijk, Rotterdam (for Oakland)
TARTRATE—450 sks, Bank of California, N A, Cellina, Marseilles
TAR—5 dms, C J Hendry Co, Corrientes, Liverpool
TOILET PREPS—1 cs, Pacific Trading Co, Tatuta, Yokohama
3 cs, North American Mercantile Co, Keisyo, Yokohama
2 cs, Mutual Supply Co, Yamakaze, Kobe
UMBER, BURNT, POWD—105 bbls, Cellina, Trieste
WAX, SKI—2 crts, Curley Bates Co, Abraham Lincoln, Oslo
1 cs, Abraham Lincoln, Oslo
WHITING, BOLTED—310 sks, Erria, Norresundby
154 sks, Erria, Norresundby (for Oakland)
WOODFLOUR—1,500 sks, B L Soberski, Oslo

Savannah Imports

OIL, CITRONELLA—49 dms, Javanese Prince, Penang
SALTCAKE—5,987,388 kilos, Tropic Star, Tocopilla
SODA NITRATE—2,475,900 kilos, Tropic Star, Tocopilla
TAPIOCA FLOUR—1,508 bgs, Raby Castle, Batavia
1,003 bgs, Raby Castle, Cheribon

Seattle Imports

ACID, CRESLIC—10 dms, Pacific Exporter, Manchester
BONE MEAL—300 sks, San Mateo, Antwerp
DEGRAS—6 dms, L H Butcher Co, Corrientes, Liverpool
GLASS, WINDOW—50 cs, San Mateo, Antwerp
LINSEED MEAL—500 sks, Keisyo, Kobe

SOAP, TOILET—4 cs, Frederick & Nelson, Corrientes, Liverpool
SODA NITRATE—6,976 sks, Chilean Nitrate Sales Corpn, Coya, Tocopilla

Tacoma Imports

GUM, DAMMAR — 70 sks, Chase National Bank, Granville, Singapore

SODA, NITRATE — 286 sks, Chilean Nitrate Sales Corpn, Coya, Tocopilla

Tampa Imports

COCONUTS—10,000, General Tosta, Belize
TOILET PREPS—1 bx, Cuba, Havana

Exports from U.S. Ports

New York Exports

Clearance Dates

Alaunia, December 1; Amanala, December 2; American Banker, December 3; Bergensfjord, December 7; Bestik, December 9; Bilderdijk, December 2; Black Falcon, December 3; Borinquen, November 23; Brott, December 12; Buenaventura, December 6; Caledonia, December 8; Capulin, December 10; Carinthia, November 26; Challenger, December 3; Chiriqui, November 26; Coamo, December 1; Conte Savoia, December 6; Exeter, December 2; Fort Amherst, December 3; Gripsholm, December 6; Helga, December 2; Helle, December 2; Kalo, December 8; Lundby, December 2; Miraflores, December 13; New Brooklyn, November 26; New York City, December 5; Onomea, December 3; Oriente, December 7; Orizaba, December 2; Panuco, November 16; Pastores, November 25; Platano, November 23; Porto Rico, December 3; Queen Mary, November 18; Quirigua, November 23; Samaria, December 2; Santa Elena, December 1; Santa Maria, December 2; Santa Rita, December 7; Scanyork, December 2; Silverelm, December 8; Silveryew, November 23; Standard, December 1; Tai Yinn, November 30; Torny, December 7; Turksib, December 3; Uruguayo, December 3; Westernland, November 26

ACID, ACETIC—2,263 lbs, Helga, Callao
MURIATIC—25,900 lbs, Pastores, Tela; 30,180 lbs, Buenaventura, Porto Colombia
OXALIC—325 lbs, Pastores, Porto Barrios; 1,150 lbs, Platano, Guayaquil; 2,260 lbs, Tai Yinn, Manila
SULPHURIC—4,545 lbs, Helga, Callao
ALCOHOL, BUTYL—330 gls, Scanyork, Helsingfors
ALUMINA SULPHATE — 40,400 lbs, Santa Elena, Cartagena
AMMONIA—4,980 lbs, Borinquen, San Juan
ASPHALT—9,214 lbs, Lundby, London; 15,708 lbs, Westernland, Antwerp; (Express) 244,783 lbs, Piraeus; 200,173 lbs, Belgrade; 24,420 lbs, Istanbul
LIQUID—37,018 lbs, American Banker, London
BISMUTH, METAL — 13,118 lbs, American Banker, London
BLUE, LAUNDRY—1,455 lbs, Porto Rico, San Juan
ULTRAMARINE — 1,292 lbs, Chiriqui, Port Limon; (Platano) 3,621 lbs, Mazatlan; 2,380 lbs, Buenaventura
CALCIUM, ARSENATE — (Helga) 14,220 lbs, Guayaquil; 21,270 lbs, Callao; 134,400 lbs, Santa Maria, Pisco; 16,800 lbs, Santa Rita, Paita
CHLORIDE—9,350 lbs, Torny, Porto Padre
CHLORIDE FLAKE—20,000 lbs, Standard, Aruba
HYPOCHLORITE — 78,650 lbs, Torny, Caibarien
CHALK—16,320 lbs, Challenger, Capetown
CHEMICALS — 1,500 lbs, American Banker, London; 2,800 lbs, Bilderdijk, Rotterdam; 4,320 lbs, Bergensfjord, Oslo
CHLORINE, LIQ—1,114 lbs, Pastores, Porto Barrios; 1,912 lbs, Platano, Santa Marta
COALTAR INTERMEDIATES — 44,880 lbs, Orizaba, Vera Cruz; 4,520 lbs, Panuco, Progresso
COLOR, DRY—32,615 lbs, Tai Yinn, Manila
CORN FLOUR—28,200 lbs, New York City, Cardiff; 2,123 lbs, Quirigua, Porto Colombia; 31,020 lbs, Tai Yinn, Manila; 1,608 lbs, Buenaventura, Port Prince; 1,732 lbs, Fort Amherst, St Johns
SUGAR—7,050 lbs, New York City, Bristol; 24,360 lbs, Black Falcon, Antwerp; 2,233 lbs, Bergensfjord, Trondhjem
SYRUP—45,510 lbs, New York City, Bristol; 1,543 lbs, Pastores, Porto Barrios; 230 lbs, Helga, Buenaventura; 460 lbs, Onomea, Port Allen; 2,172 lbs, Platano, Panama; 13,031 lbs, Bergensfjord, Oslo; 950 lbs, Challenger, Durban; 4,980 lbs, Fort Amherst, St Johns; 3,000 lbs, Bestil, Port Spain
DEXTRIN—2,115 lbs, Panuco, Tampico
DICHLORODIFLUOROMETHANE — 216 lbs, Pastores, San Salvador
DIETHYLENEGLYCOL—24,930 lbs, Caledonia, Glasgow
DISINFECTANT — 1,680 lbs, Platano, Guayaquil; 30,621 lbs, Uruguayo, Buenos Aires
DYES—21,188 lbs, Westernland, Antwerp; (Black Falcon) 2,896 lbs, Antwerp; 45,063 lbs, Berne; (Uruguayo) 2,796 lbs, Santos; 2,680 lbs, Montevideo; 7,211 lbs, Buenos Aires
ANILIN—5,200 lbs, Bilderdijk, Rotterdam
FERTILIZER—(Onomea) 504,000 lbs, Honolulu; 504,000 lbs, Hilo; 505,000 lbs, Kahului; 202,000 lbs, Port Allen; 403,200 lbs, Honuapo
FULLER'S EARTH—10,335 lbs, Gripsholm, Gothenburg
GRAPHITE—1,745 lbs, Bilderdijk, Rotterdam
GREASE, LUBRIC — 59,110 lbs, American Banker, London; (Scanyork) 28,265 lbs, Gothenburg; 750 lbs, Helsingfors; (Silveryew) 30,134 lbs, Manila; 44,685 lbs, Shanghai; 55,319 lbs, Carinthia, Southampton; 29,333 lbs, Westernland, Antwerp; 141,266 lbs, Conte Savoia, Genoa; 23,806 lbs, Helga, Tocopilla; 69,067 lbs, Samaria, Liverpool; (Black Falcon) 8,854 lbs, Antwerp; 5,660 lbs, Berne; (Exeter) 47,618 lbs, Marseilles; 3,012 lbs, Oran; 7,250 lbs, Quirigua, Porto Colombia; (Tai Yinn) 60,807 lbs, Shanghai; 24,486 lbs, Manila; (New Brooklyn) 8,480 lbs, Santa Cruz; 2,220 lbs, Rio Benito; 2,462 lbs, Las Palmas
HEMLOCK EXTRACT—37,950 lbs, Samaria, Liverpool
INK, PRINTING—6,525 lbs, Challenger, Durban
INSECTICIDE—1,198 lbs, Pastores, Porto Barrios; 13,834 lbs, Uruguayo, Buenos Aires; (Miraflores) 14,480 lbs, Cape Haitien; 10,200 lbs, St Marc
AGRICULTURAL — (Scanyork) 5,747 lbs, Riga; 1,519 lbs, Raumo
IODINE, CRUDE—1,639 lbs, Alaunia, London
LACQUER—3,633 lbs, Challenger, East London
LARD—(New York City) 224,000 lbs, Bristol; 131,625 lbs, Cardiff; 164,400 lbs, American Banker, London; 47,600 lbs, Carinthia, Southampton; 18,950 lbs, Queen Mary, Southampton; 29,400 lbs, Chiriqui, Havana; 90,500 lbs, Samaria, Liverpool; 31,500 lbs, Alaunia, London; 57,750 lbs, Torny, Nuevitas
LEAD, WHITE—9,010 lbs, Tai Yinn, Manila
LINSEED CAKE—2,240,021 lbs, Bilderdijk, Rotterdam; 500,031 lbs, Westernland, Antwerp; 1,127,800 lbs, Black Falcon, Antwerp
LUBRICANTS—22,710 lbs, Helga, Antofagasta
MAGNESIA CHLORIDE — 24,010 lbs, Carinthia, Southampton
HYDROXIDE — 1,150 lbs, Borinquen, San Juan
OXIDE—1,120 lbs, Borinquen, San Juan
MEDICINAL PREPS — 41,440 lbs, American Banker, London
METHYL CHLORIDE — 906 lbs, Challenger, East London
MOLYBDENUM CONC—134,400 lbs, Turksib, Leningrad
NAPHTHA—(New Brooklyn) 4,400 gls, Dakar; 50,000 gls, Conakry; 15,000 gls, Freetown; 7,000 gls, Monrovia; 1,500 gls, Cape Palmas; 50 gls, Lome
OIL, CASTOR — 2,010 lbs, Borinquen, San Juan; 4,431 lbs, Black Falcon, Antwerp; 1,556 lbs, Quirigua, Puerto Colombia
CASTOR, SULPHONATED — 12,995 lbs, Samaria, Liverpool
COALTAR—5,005 lbs, Black Falcon, Bilbao
EDIBLE—1,704 lbs, Pastores, Puerto Barrios; 5,053 lbs, Helga, Buenaventura; 6,060 lbs, Santa Elena, Puerto Colombia; 3,000 lbs, Platano, Puntarenas
ESSENTIAL—237 lbs, Scanyork, Gothenburg
FUEL — (New Brooklyn) 21,945 gls, Freetown; 5,500 gls, Burutu
GAS—(New Brooklyn) 5,500 gls, Sherbro; 1,650 gls, Port Bouet; 5,500 gls, Cotonou; 5,500 gls, Burutu; 5,500 gls, Warri; 2,750 gls, Degamu; 1,100 gls, Duala
LUBRICATING—1,254 gls, Lundby, Lisbon; (New York City) 830 gls, Bristol; 4,462 gls, Cardiff; 7,437 gls, American Banker, London; 2,160 gls, Bilderdijk, Rotterdam; (Scanyork) 6,935 gls, Gothenburg; 2,116 gls, Danzig; 16,170 gls, Stockholm; 3,025 gls, Helsingfors; 26,125 gls, Carinthia, Southampton; 6,010 gls, Westernland, Antwerp; 2,365 gls, Borinquen, Ciudad; 29,425 gls, Orizaba, Vera Cruz; 5,376 gls, Conte Savoia, Genoa; (Helga) 3,300 gls, Buenaventura; 1,870 gls, Guayaquil; 550 gls, Callao; 3,575 gls, Tocopilla; 550 gls, Antofagasta; 15,425 gls, Valparaiso; 2,750 gls, Iquique; 4,510 gls, San Antonio; 1,540 gls, Talcahuano; 11,420 gls, Samaria, Liverpool; (Black Falcon) 28,110 gls, Antwerp; 1,540 gls, Berne; (Exeter) 27,320 gls, Marseilles; 1,100 gls, Bone; 6,050 gls, Oran; 210 gls, Philippeville; 9,570 gls, Alexandria; 1,650 gls, Beirut; 2,970 gls, Haifa; 2,175 gls, Santa Elena, Porto Colombia; (Panuco) 10,455 gls, Progresso; 25,910 gls, Tampico; (Tain Yin) 14,670 gls, Manila; 275 gls, Shanghai; (New Brooklyn) 8,525 gls, Santa Cruz; 975 gls, Teneriffe; 550 gls, Santa Isabel; 20,525 gls, Las Palmas; 525 gls, Dakar; 775 gls, Conakry; 850 gls, Freetown; 50 gls, Monrovia; 1,926 gls, Port Bouet; 14,190 gls, Takoradi; 1,120 gls, Cape Coast; 550 gls, Saltpond; 1,100 gls, Lome; 1,125 gls, Cotonou; 9,010 gls, Lagos; 750 gls, Burutu; 2,495 gls, Sapele; 985 gls, Calcabar; (Uruguayo) 8,342 gls, Rio de Janeiro; 10,110 gls, Buenos Aires; (Express) 640 gls, Piraeus; 1,375 gls, Belgrade; 1,350 gls, Bourgas; (Gripsholm) 2,200 gls, Gothenburg; 1,045 gls, Stockholm; (Caledonia) 9,444 gls, Glasgow; 510 gls, Edinburgh; 12,875 gls, Oriente, Havana; 3,465 gls, Bergensfjord, Oslo; 24,750 gls, Standard, Aruba; 5,775 gls, Helle, Barbados; 4,895 gls, Alaunia, London; (Santa Maria) 3,135 gls, Buenaventura; 21,670 gls, Callao; 4,125 gls, Mollendo; 7,640 gls, Guayaquil; 2,035 gls, Antofagasta; 7,700 gls, Coquimbo; 20,900 gls, Valparaiso; (Challenger) 3,795 gls, Capetown; 2,475 gls, Port Elizabeth; 770 gls, East London; 9,375 gls, Durban; 6,325 gls, Lourenco Marques; 975 gls, Dar Salaam; 3,795 gls, Mombasa; (Fort Amherst) 1,650 gls, St Johns; 2,760 gls, Halifax; (Santa Rita) 1,650 gls, Paita; 6,700 gls, Callao; 4,400 gls, Antofagasta; 3,025 gls, Amapala, Banes
NEATSFOOT—2,847 lbs, Westernland, Antwerp
OLEO — 48,037 lbs, Bilderdijk, Rotterdam; 24,116 lbs, Westernland, Antwerp; 80,548 lbs, Caledonia, Glasgow
PEPPERMINT—2,981 lbs, American Banker, London
RED—(Scanyork) 2,662 lbs, Gothenburg; 2,681 lbs, Kolding; 4,442 lbs, Bergensfjord
SULPHONATED — 10,402 lbs, Caledonia, Glasgow
TRANSFORMER — 4,950 gls, Uruguayo, Buenos Aires
PAINT—32,674 lbs, Silveryew, Manila; 2,480 lbs, Chiriqui, Havana; 14,784 lbs, Helga, Buenaventura; 4,347 lbs, Tai Yinn, Manila; 25,278 lbs, Challenger, Port Elizabeth
THINNER — 2,850 gls, Helga, Talcahuano; 2,310 gls, Tai Yinn, Manila
PARAFFIN—4,667 lbs, Scanyork, Stockholm; 193,616 lbs, Carinthia, Southampton; 13,346 lbs, Westernland, Antwerp; 20,158 lbs, Borinquen, Ciudad; 177,080 lbs, Orizaba, Vera Cruz; 20,201 lbs, Chiriqui, Port Limon; 13,346 lbs, Black Falcon, Antwerp; 10,215 lbs, Exeter, Alexandria; 90,356 lbs, Quirigua, Cartagena; 45,180 lbs, Platano, Callao; (Panuco) 62,642 lbs, Progresso; 45,214 lbs, Tampico; 11,219 lbs, Capulin, Dublin; 72,630 lbs, Caledonia, Glasgow; (Buenaventura) 22,244 lbs, Amapala; 22,244 lbs, San Juan del Sur; 2,224 lbs, Bergensfjord, Trondhjem; (Santa Maria) 77,842 lbs, Coquimbo; 30,245 lbs, Saveverry; 65,376 lbs, Guayaquil; (Santa Rita) 22,315 lbs, Puntarenas; 30,246 lbs, Retalheu; 32,855 lbs, Buenaventura
SCALE—329,160 lbs, New York City, Bristol; (Scanyork) 24,363 lbs, Gothenburg; 48,393 lbs, Stockholm; 302,328 lbs, Carinthia, Southampton; 85,132 lbs, Westernland, Antwerp; 24,503 lbs, Black Falcon, Antwerp
PETROLATUM, MED—1,080 lbs, Silveryew, Hongkong
PETROLEUM, CRUDE—5,300 gls, Scanyork, Gothenburg
REFD—(New Brooklyn) 2,500 gls, Dakar; 15,000 gls, Conakry; 7,500 gls, Freetown; 3,000 gls, Monrovia; 1,700 gls, Port Bouet; 11,500 gls, Cape Palmas; 500 gls, Takoradi; 200 gls, Sapele; 200 gls, Calabar
PITCH, COKE—1,466 tons, Brott, Caronte
POTASH, CAUSTIC—10,110 lbs, Panuco, Progresso
CHLORATE—1,218 lbs, Platano, Guayaquil
PROPANE—19,876 lbs, Challenger, Durban
RESIN—8,493 lbs, American Banker, London; 4,667 lbs, Scanyork, Stockholm
COALTAR—1,374 lbs, Samaria, Liverpool
SYNTHETIC—2,810 lbs, Gripsholm, Gothenburg
ROSIN—2,347 lbs, Carinthia, Southampton
SOAP—68,609 lbs, Silveryew, Manila; (Porto Rico) 12,880 lbs, San Juan; 5,625 lbs, Ponce; 5,600 lbs, Mayaguez
POWDER—4,640 lbs, Caledonia, Glasgow
SODA, ASH—10,175 lbs, American Banker, London; 27,280 lbs, New York City, Bristol; 3,060 lbs, Chiriqui, Havana; 2,520 lbs, Santa Elena, Porto Colombia; 4,561 lbs, Express, Piraeus; (Challenger) 11,278 lbs, Capetown; 28,120 lbs, Durban
BICARBONATE—3,050 lbs, Pastores, Porto Barrios; 6,100 lbs, Chiriqui, Havana; 9,026 lbs, Santa Elena, Porto Colombia; 4,960 lbs, Platano, Guayaquil; 2,432 lbs, Bergensfjord, Oslo; 18,700 lbs, Torny, Caibarien
CAUSTIC—235,150 lbs, Orizaba, Vera Cruz; 3,590 lbs, Pastores, Porto Barrios; (Chiriqui) 61,345 lbs, Havana; 14,360 lbs, Limon; (Helga) 25,923 lbs, Buenaventura; 22,992 lbs, Valparaiso; 252,175 lbs, Onomea, Port Allen; (Quirigua) 4,469 lbs, Porto Colombia; 17,950 lbs, Guayaquil; (Panuco) 55,600 lbs, Vera Cruz; 576,010 lbs, Tampico; 226,170 lbs, Uruguayo, Buenos Aires; 110,240 lbs, Oriente, Havana; 79,200 lbs, Kalo, Cienfuegos; (Challenger) 8,520 lbs, Capetown; 5,875 lbs, Durban; (Torny) 18,955 lbs, Caibarien; 63,360 lbs, Nuevitas
CYANIDE — (Helga) 11,136 lbs, Salaverry; 2,475 lbs, Buenaventura
HYPOSULPHITE—17,230 lbs, Uruguayo, Rio de Janeiro
PHOSPHATE, TRI — (Onomea) 8,520 lbs, Honolulu; 4,520 lbs, Honolulu; 6,801 lbs, Capulin, Dublin
STARCH—5,640 lbs, Orizaba, Vera Cruz
CORN—2,500 lbs, Coamo, San Juan; 2,272 lbs, Challenger, Durban
STEARIN, OLEO—5,989 lbs, Bilderdijk, Rotterdam
SULPHUR DIOXIDE — 226 lbs, Challenger, East London
TALC—14,162 lbs, New York City, Cardiff; 44,800 lbs, Carinthia, Southampton; 4,480 lbs, Capulin, Dublin; 11,200 lbs, Caledonia, Glasgow
TALLOW—18,228 lbs, Quirigua, Puerto Colombia
TANNING EXTRACT—6,915 lbs, Silverelm, Port Elizabeth; 13,633 lbs, Torny, Caibarien
TITANIUM LITHOPONE—21,500 lbs, Carinthia, Liverpool
TURPENTINE — 1,000 gls, Uruguayo, Buenos Aires; 330 gls, Challenger, East London
VARNISH—6,871 lbs, Black Falcon, Bilbao; 543 lbs, Uruguayo, Montevideo
WITCH HAZEL EXTRACT—7,480 lbs, New York City, Bristol
ZINC, OXIDE—3,750 lbs, Challenger, Capetown

Baltimore Exports

Clearance Dates

Carolina Thorden, December 15; City of Bedford, December 10; Edam, December 13; Jeff Davis, December 14; Korsholm, December 12; Kota Pinang, December 13; Lehigh, December 14; Macharda, December 12; Neuenfels, December 17; Robin Hood, December 13; San Marcos, December, 16; Satartia, December 10; Uruguayo, December 14

ACID, CHROMIC—3,300 lbs, Lehigh, Hamburg
ASBESTOS, REFUSE—108 lbs, Satartia, Berlin; 8,800 lbs, Lehigh, Copenhagen
CEMENT, ROOF — 1,250 lbs, Kota Pinang, Sourabaya
CADMIUM LITHOPONE—3,356 lbs, Satartia, London
DEXTRIN—8,000 lbs, Neuenfels, Capetown
ETHYL CHLOROCARBONATE—230 lbs, Lehigh, London
GLASS FRIT, CRSHD — 10,000 lbs, Robin Hood, Port Natal; 12,500 lbs, Lehigh, London
GREASE, LUBRIC—(Satartia) 48,210 lbs, London; 141,603 lbs, Hamburg; 4,000 lbs, Korsholm, Finland; 6,423 lbs, Edam, Rotterdam; (San Marcos) 700 lbs, Panama; 810 lbs, Salvador
LEAD, ARSENATE—6,000 lbs, Robin Hood, Capetown
OIL, LUBRIC—5,070 gls, Satartia, London; 2,500 gls, City of Bedford, Tientsin; 373 bbls, Macharda, London
PAINT, AUTO — 47 gls, Carolina Thorden, Stockholm
SMALTZ, RED—800 lbs, Jeff Davis, Manila
RUBBING COMP—2,834 lbs, Satartia, Slough Bucks
SODA, ALUMINATE—2,000 lbs, Satartia, Essex
BICHROMATE — 11,200 lbs, Edam, Rotterdam
CAUSTIC—(Kota Pinang) 23,135 lbs, Belawan Deli; 19,830 lbs, Bangkok; 220,113 lbs, Pladjoe; 9,915 lbs, Menado; 19,830 lbs, Palembang; 448,158 lbs, City of Bedford, Shanghai
STARCH—60,480 lbs, Satartia, Dundee
SOYBEAN MEAL—400 tons, Edam, Rotterdam
TAR, PAVING—312,465 lbs, San Marcos, Cristobal
UMBER, BURNT—1,000 lbs, San Marcos, Cristobal
ZINC OXIDE—100,000 lbs, San Marcos, Cristobal

Beaumont Exports

Clearance Dates

British Freedom, December 7; Herbrand, December 7; Albert L Ellsworth, December 3; Nishmaha, December 3

OIL, FUEL—76,745 bbls, Albert L Ellsworth, Rotterdam
PETROLEUM, CRUDE — 83,749 bbls, British Freedom, Naples; 106,880 bbls, Herbrand, Buenos Aires
SULPHUR—800 bgs, Nishmaha, Glasgow

Boston Exports

Clearance Dates

American Merchant, December 14; American Traveler, December 17; Georgic, December 11; Glaucus, December 10; Lady Somers, December 10; Marchen Maersk, December 17; Mormacrio, December 16; Naruto, December 14; Telde, December 13; Yarmouth, December 14

ASBESTOS FIBER—6,162 bgs, Naruto Maru, Japan
BLEACH, LEATHER—4 kgs, 20 gls, Mormacrio, Montevideo
BRISTLES—24 cs, 2,702 lbs, Yarmouth, St John, N B
CEMENT, CAN—5 dms, 2,305 lbs, Georgic, Capetown
FURNACE—1 dm, 960 lbs, Yarmouth, St John, N B
RUBBER—1 dm, 30 gls, Telde, San Jose
CHEMICALS—5 dms, 185 lbs, American Traveler, Havre
DEXTRIN—81 bgs, 14,100 lbs, Telde, Havana
DISINFECTANT, COALTAR—10 bbls, 500 gls, Telde, Havana
DRESSING, LEATHER—4 cs, 23 gls, Lady Somers, Kingston
SHOE—5 cs, 1 crtn, 340 lbs, Telde, Panama; 16 dms, 80 gls, Mormacrio, Montevideo
FINISH, LEATHER—5 bbls, and 1 dm, 254 gls, Telde, Havana
FLUX—6 dms, 800 lbs, American Traveler, Havre
GLUE, PHOTO-ENGRAVING—10 cs, 300 lbs, Telde, Havana
GREASE, LUBRIC—15 bbls, 25 dms, 7,382 lbs, Georgic, Coventry
SOAP—6 bbls, 2,582 lbs, Telde, Havana
INK, PRINTING—50 dms, 21,606 lbs, Georgic, Calcutta
WRITING—14 crtns, 280 lbs, Telde, Havana
INSECTICIDE—6 dms, 3,875 lbs, Telde, Havana
INVALID'S FOOD—8 cs, 143 lbs, Telde, Havana
LACQUER—1 dm, 30 gls, Telde, Havana
LINING COMP—15 dms, 705 lbs, American Traveler, Havre; 36 dms, 17,493 lbs, Telde, Havana
MEDICINAL PREPS—451 bxs, 2,255 gls, American Merchant, London; 1 cs, 6 straps, 145 lbs, Telde, Havana; 1 cs, 15 lbs, Georgic, Leicester
MUCILAGE—6 crtns, 140 lbs, Telde, Havana
OIL, COALTAR—10 dms, 5,209 lbs, Telde, Havana
HALIBUT LIVER—27 cs, 2,073 lbs, American Merchant, London
LUBRICATING—8 cs, 240 gls, Georgic, Liverpool; 20 cs, 2 dms, Yarmouth, St John, N B
PAINT—1 cs, 5 gls, Telde, Panama
PASTE, ADHES—20 dms, 4 cs, 1,400 lbs, American Traveler, Havre
LIBRARY—10 crtns, 241 lbs, Telde, Havana
POLISH, SHOE—12 cs, 120 gls, Georgic, Leicester; 2 cs, 20 gls, Telde, Havana
STOVE—70 cs, 2,403 lbs, Yarmouth, St John, N B
PRESERVATIVE—1 kg, Yarmouth, Mulgrave, N S
PUTTY—1 cs, 500 lbs, Marchen Maersk, Osaka
SOAP—1 cs, 20 lbs, Telde, Havana
TAR—10 cs, 312 lbs, Telde, Havana
TOILET—(Telde) 20 cs, 475 lbs, Fort Sherman, C Z; 10 cs, 312 lbs, Havana
SODA, CAUSTIC—(Glaucus) 19 dms, 13,300 lbs, Tjilatjap; 48 dms, 33,600 lbs, Sourabaya
SOLDER SALTS—3 dms, 405 lbs, Georgic, Capetown
WATER, MINERAL—200 cs, 2,143 gls, Telde, Havana
WAX, SEALING—2 cs, 125 lbs, Telde, Havana
SHOE—5 cs, 500 lbs, Mormacrio, Montevideo

Corpus Christi Exports

Clearance Dates

Henry Desprez, November 20; Mamura, November 24; Mijdrecht, December 3; San Amado, December 5; San Tiburcio, December 2

GASOLINE—5,797 bbls, Henry Desprez, Havre; 88,366 bbls, Mijdrecht, Lands End; 86,914 bbls, San Amado, Lizard
OIL, GAS — 90,169 bbls, Mamura, Curacao; 54,358 bbls, San Tiburcio, Lands End
PETROLEUM, CRUDE — 105,508 bbls, Henry Desprez, Havre

Galveston Exports

Clearance Dates

Actor, December 12; Ekaterini Coumantarou, December 9; Kexholm, December 7; Spaarndam, December 9; Victolite, December 13

BLACK, CARBON—(Kexholm) 100 cs, Gothenburg; 617 bgs, Gdynia; (Spaarndam) 100 cs, London; 3 cs, Amsterdam; (Actor) 50 bgs, Liverpool; 150 bgs, 110 cs, Manchester
MOLYBDENITE ORE—110 tons, Actor, Liverpool
PETROLEUM, CRUDE—120,000 bbls, Victolite, Halifax
SULPHUR—15 tons, Spaarndam, London; 7,258 tons, Ekaterini Coumantarou, Fremantle

Houston Exports

Clearance Dates

Cranford, December 7; John Knudsen, December 10; Kunikawa, December 7; Marathon, December 10; Montello, December 9; Pueblo, December 12; Scottsburg, December 12; Spaarndam, December 8; Vendemiare, December 9

ASPHALT—44 tons, Cranford, Genoa
BLACK, CARBON—1 ton, Kunikawa, Osaka; 6,000 bgs, Cranford, Genoa; (Spaarndam) 42 tons, London; 52 tons, Glasgow; 7 tons, Antwerp; 16 tons, Rotterdam; 8 tons, Leith; 10 tons, Amsterdam; (Montello) 196 cs, Genoa; 246 cs, Leghorn; 6 cs, Alexandria; 1,868 bgs, Marseilles; (Scottsburg) 9,665 bgs, Havre; 2,319 pkgs, Antwerp
GASOLINE—500 tons, Vendemiare, Havre; 800 tons, John Knudsen, Havre; 46,000 bbls, Pueblo, Havana
OIL, FUEL—80,000 bbls, Marathon, Havana
LUBRICATING—(Cranford) 24 pkgs, Genoa; 3,624 dms, Marseilles; (Montello) 54 dms, Marseilles; 65 dms, Casablanca; 6 dms, Tunis; 5 dms, Oran
PETROLEUM, CRUDE—12,500 tons, Vendemiare, Havre; 12,500 tons, John Knudsen, Havre

Lake Charles Exports

Clearance Dates

Genevieve Lykes, December 3; Languedoc, December 5; Nishmaha, December 6

PETROLEUM, CRUDE—51,719 bbls, Languedoc, Trieste
ROSIN, WOOD—(Nishmaha) 120 dms, Belfast via Glasgow; 14 dms, Dublin
TURPENTINE—10 ctns, Genevieve Lykes, San Juan

Los Angeles Exports

Clearance Dates

Bahrein, December 4; Charlie Watson, December 8; City of Florence, December 11; Dagmar Salen, November 30; Damsterdijk, December 3; Eknaren, December 6; Evita, December 5; G S Walden, December 10; Gertrude Kellogg, December 2; Gracia, December 11; Griffco, December 2; Ima, December 11; Ionic Star, December 11; Knute Nelson, December 7; La Placentia, Lebec, December 8; Margrethe Bakke, December 5; Monterey, December 7; Muncaster Castle, December 3; Nankai, December 7; Nitiei, December 6; Nordanger, Pacific President, December 9; Pacific Reliance, December 6;

Peter Maersk, November 29; President Taft, December 3; President Van Buren, December 6; Rosebank, December 1; San Antonio, December 8; San Cirilo, December 8; Santa Maria, December 7; Silverbeech, December 6; Steel Inventor, December 4; Tatekawa, December 9; Tatuta, December 2; Yamakaze, December 7; West Ivis, November 29

ACETONE—31 dms, 11,100 lbs, West Ivis, Rio de Janeiro; 185 dms, 66,240 lbs, Damsterdijk, Amsterdam

ACID, BORIC—1,000 bgs, 112,000 lbs, Knute Nelson, London; (Eknaren) 55 bgs, 6,160 lbs, Brisbane; 10 bgs, 1,120 lbs, Adelaide; (Damsterdijk) 200 bgs, 22,400 lbs, London; 200 bgs, 22,400 lbs, Glasgow; (Monterey) 40 bgs, 6,720 lbs, Auckland; 20 bgs, 2,240 lbs, Launceston; 48 bgs, 5,380 lbs, Melbourne; 108 pkgs, 12,100 lbs, Sydney

CITRIC—560 lbs, West Ivis, Port Spain

ALCOHOL, ANHYD—99 dms, 33,550 lbs, Pacific President, London

BUTYL—17 dms, 6,270 lbs, Rosebank, Victoria; 60 dms, 22,140 lbs, San Antonio, Amsterdam

ANTIMONY, REFD—216 cs, 46,740 lbs, Peter Maersk, Osaka-Yokohama

ASPHALT, PETROL—103 dms, 45,180 lbs, Monterey, Sydney

BOILER COMP—2,160 lbs, G S Walden, Singapore

BORATE—5,968 bgs, 1,016,350 lbs, Knute Nelson, London; 224 bgs, 22,400 lbs, Damsterdijk, Glasgow; 1,344 bgs, 134,400 lbs, Monterey, Auckland

BORAX—200 sx, 22,000 lbs, Tatuta, Tientsin; 732 sx, 80,700 lbs, President Van Buren, Osaka; (Eknaren) 72 bgs, 8,060 lbs, Brisbane; 70 bgs, 7,840 lbs, Adelaide; (Damsterdijk) 4,000 bgs, 448,000 lbs, London; 760 bgs, 89,600 lbs, Glasgow; (Monterey) 100 bgs, 11,200 lbs, Adelaide; 450 bgs, 50,400 lbs, Melbourne; 398 pkgs, 200 bgs, 67,010 lbs, Sydney; 493 bgs, 55,220 lbs, San Antonio, Antwerp; 640 bgs, 89,600 lbs, Ionic Star, Liverpool; 960 bgs, 112,000 lbs, Pacific President, Manchester

BUTYL ACETATE—40 dms, 15,760 lbs, Rosebank, Victoria

CEMENT, WATERPROOF—2,080 lbs, Dagmar Salem, Bangkok

CHEMICALS—(President Taft) 8 dms, 2,210 lbs, Kobe; 3,020 lbs, Shanghai

CLAY, FILTER—43 pkgs, 3,300 lbs, City of Florence, Hongkong

GROUND—600 bgs, 60,000 lbs, Damsterdijk, Suez; 200 lbs, Monterey, Auckland; 900 bgs, 89,600 lbs, San Antonio, Maracaibo

CLEANER—50 cs, 2,820 lbs, President Taft, Hongkong; 2,080 lbs, Damsterdijk, Rotterdam; 12,070 lbs, Monterey, Auckland

COLOR, DRY—100 bgs, 10,000 lbs, President Taft, Manila

DIATOMACEOUS EARTH—110 bgs, 11,000 lbs, Knute Nelson, Oslo; 1,344 bgs, 134,400 lbs, Margrethe Bakke, Manchester; (West Ivis) 100 bgs, 10,000 lbs, Rio Janeiro; 345 bgs, 35,020 lbs, Mayaguez; (Knute Nelson) 332 bgs, 33,700 lbs, Liverpool; 118 bgs, 11,400 lbs, Bergen; 456 bgs, 44,400 lbs, Oslo; 200 bgs, 20,000 lbs, City of Florence, Manila; (Monterey) 378 bgs, 37,980 lbs, Melbourne; 342 bgs, 34,020 lbs, Sydney; (San Antonio) 100 bgs, 10,000 lbs, Fort France; 42 bgs, 3,870 lbs, Paris; 28 bgs, 2,280 lbs, Epinay; 20 bgs, 2,000 lbs, Pacific Reliance, Vancouver; (Pacific President) 749 bgs, 75,200 lbs, London; 112 bgs, 11,200 lbs, Liverpool; 486 bgs, 44,710 lbs, Manchester

DICHLORODIFLUOROMETHANE—6 cyls, 870 lbs, Monterey, Auckland

ETHYL KETONE—8 dms, 1,100 lbs, Rosebank, Victoria; 97 dms, 33,750 lbs, Pacific President, London

FILM SCRAP—3,950 lbs, Knute Nelson, London; 6,780 lbs, Ionic Star, Liverpool

FLUX—20 dms, 2,700 lbs, Monterey, Melbourne

GASOLINE—34,816 bbls, 9,086,980 lbs, Bahrein, Havre; (Evita) 10,917 bbls, 2,849,340 lbs, Shanghai; 36,000 bbls, 9,396,000 lbs, Dairen; 92,761 bbls, 24,210,620 lbs, Nitiei, Dairen; 20 dms, 6,260 lbs, Griffco, Santa Rosalia; 98,945 bbls, 25,824,650 lbs, San Cirilo, London; 14,983 bbls, 3,190,560 lbs, Charlie Watson, La Union; 22,761 bbls, 5,940,620 lbs, Santa Maria, Valparaiso; 81,619 bbls, 21,302,560 lbs, G S Walden, Manila-Cebu; (Dagmar Salen) 1,200 dms, 384,560 lbs, Yokohama; 400 dms, 128,270 lbs, Kobe; 400 dms, 128,270 lbs, Osaka

GUM, ARABIC, POWD—350 lbs, City of Florence, Manila

GYPSUM—60 sx, 6,000 lbs, Griffco, Santa Rosalia

HERBS, DRY—350 lbs, Damsterdijk, London

KEROSENE—26,523 bbls, 7,559,060 lbs, Evita, Shanghai; 11,056 bbls, 3,150,960 lbs, G S Walden, Manila-Port Barberra-Cebu

DISTILLATE—101,863 bbls, 28,725,370 lbs, Nordanger, Curacao; 3,514 bbls, 990,550 lbs, Silverbeech, Bombay

LACQUER—1,950 lbs, President Van Buren, Izmir

THINNER—24 dms, 21,150 lbs, President Van Buren, Bangkok; (Silverbeech) 2,640 lbs, Madras; 3,600 lbs, Bombay

LITHOPONE—900 lbs, Peter Maersk, Hongkong

MAGNESIA CARBONATE—3 dms, 280 lbs, City of Florence, Manila

METHYL CHLORIDE—10 cyls, 600 lbs, President Van Buren, Hongkong

NAPHTHA—5 dms, 1,510 lbs, La Placentia, Vancouver

OIL, AVOCADO—150 lbs, San Antonio, La Gareone

DIESEL—(Santa Maria) 3,714 bbls, 11,587,770 lbs, Coquimbo; 17,284 bbls, 5,392,610 lbs, Antofagasta; 24,297 bbls, 7,580,660 lbs, G S Walden, Manila-Cebu

FUEL—39,348 bbls, 13,102,880 lbs, Gertrude Kellogg, Hondagua; 25,283 bbls, 8,419,240 lbs, La Placentia, Vancouver; 40,321 bbls, 13,426,890 lbs, Ima, Lands End; 96,202 bbls, 20,713,270 lbs, Lebec, Balboa; 81,712 bbls, 27,210,100 lbs, Tatekawa, Kure

GAS—29,285 bbls, 8,844,070 lbs, Ima, Lands End

LEMON—3,060 lbs, Steel Inventor, London; 230 lbs, Monterey, Melbourne

LUBRICATING—4 dms, 1,940 lbs, Griffco, Santa Rosalia; 10 pkgs, 2,720 lbs, Silverbeech, Padang; 12 dms, 50 cs, 3,000 lbs, Muncaster Castle, Manila; 8 bxs, 800 lbs, Eknaren, Port Moresby; 15 dms, 6,750 lbs, Silverbeech, Manila; 50 dms, 23 ctns, 24,570 lbs, City of Florence, Hongkong

SALAD—25 dms, 10,700 lbs, Silverbeech, Cebu

PAINT, THINNER — 16,000 lbs, Muncaster Castle, Manila

PECTIN, APPLE—2,240 lbs, Monterey, Melbourne

CITROUS — 2,000 lbs, Damsterdijk, London; (Monterey) 600 lbs, Melbourne; 1,600 lbs, Sydney

PETROLEUM, CRUDE—52,549 bbls, 16,395,290 lbs, La Placentia, Ioco; 12,249 bbls, 3,821,690 lbs, Santa Maria, Valparaiso

GAS, LIQ—71 cyls, 4,450 lbs, Rosebank, Vancouver

PIGMENTS—500 lbs Peter Maersk, Hongkong

POLISH, AUTO—1,230 lbs, Monterey, Wellington

POTASH, MURIATE—2,500 bgs, 553,280 lbs, Tatuta, Kobe; (West Ivis) 2,000,320 lbs, San Juan; 3,000 bgs, 600,320 lbs, Mayaguez; 17,000 bgs, 3,747,520 lbs, President Taft, Yokohama; 10,500 bgs, 2,313,920 lbs, President Van Buren, Kobe

SIENNA, BURNT — 570 lbs, Peter Maersk, Hongkong

SODA ALGINATE—100 lbs, Monterey, Christchurch

ASH—400 bgs, 80,700 lbs, Rosebank, Vancouver; (Yamakaze) 2,506 bgs, 551,130 lbs, Rio de Janeiro; 2,305 bgs, 370,380 lbs, Sao Paulo; 1,323 bgs, 132,300 lbs, Santos; 5,400 bgs, 604,800 lbs, Silverbeech, Madras

CARBONATE—1,200 lbs, Monterey, Sydney

CAUSTIC—50 cs, 2,580 lbs, President Taft, Manila; 100 cs, 5,150 lbs, Silverbeech, Manila

SULPHITE—2,700 lbs, Monterey, Sydney

SOLVENTS—28 dms, 11,140 lbs, San Antonio, Amsterdam

TALC—200 bgs, 20,000 lbs, Margrethe Bakke, Manchester; 400 bgs, 20,000 lbs, Peter Maersk, Manila; 40 sx, 4,480 lbs, Monterey, Sydney

TITANIUM DIOXIDE—7 bbls, 2,000 lbs, Monterey, Sydney

TOILET PREPS—(President Van Buren) 110 lbs, Calcutta; 1,000 lbs, Bombay; 2,130 lbs, Muncaster Castle, Manila; 350 lbs, Monterey, Sydney; 1,550 lbs, Pacific President, London

WOOD PRESERVATIVE—1,800 lbs, Muncaster Castle, Manila

New Orleans Exports

Clearance Dates

Cadmus, November 30; Cefalu, November 29; Contessa, November 22; Counsellor, December 7; Eglantine, December 3; Erlangen, November 28; Fulda, November 2; Hopepeak, November 12; Lindvangen, December 3; Michigan, November 29; Sixaola, November 19; Toloa, November 29; Vigilant, December 7; Wasgenwald, November 15

ASPHALT—31 tons, Michigan, Havre; (Fulda) 7 tons, Bremen; 5 tons, Bremen-Hamburg; (Counsellor) 10 tons, Manchester; 30 tons, Counsellor, Liverpool

GILSONITE—140 tons, Fulda, Hamburg

BLACK, CARBON—(Wasgenwald) 5 tons, Hamburg; 70 cs, Hamburg-Bremen-Bremerhavn; 2 tons, Bremen-Hamburg; (Erlangen) 375 bgs, 100 cs, Sydney; 7 cs, Melbourne; 10 cs, Adelaide; 101 tons, Michigan, Havre; (Fulda) 5 tons, Bremen-Hamburg transshipment; (Eglantine) 1 ton, Liverpool; 38 tons, Manchester; 6 tons, Counsellor, Manchester

CALCIUM ARSENATE—(Sixaola) 1,270 dms, Callao; 3,200 dms, Pisco

CLAY—(Fulda) 13 tons, Hamburg; 5 tons, Bremen-Hamburg transshipment

GROUND—34 tons, Eglantine, Manchester

CORN SYRUP—(Eglantine) 20 tons, Liverpool; 816 tons, Manchester

COTTONSEED HULL SHAVING PULP—98 tons, Wasgenwald, Hamburg; 18 tons, Counsellor, Manchester

DISTILLATE—150 dms, Contessa, Celba

FIRECLAY—19 dms, Sixaola, Valparaiso; 10 dms, Erlangen, Sydney; 18 tons, Eglantine, Manchester; 11 tons, Sixaola, Panama City; 23 tons, Cadmus, Puerto Colombia

GREASE, LUBRIC—(Sixaola) 6 cs, Corinto; 40 qtr dms, Cartagena; 13 ctns, 3 dms, Guayaquil

INK—8 dms, Sixaola, Havana

KEROSENE—50 cs, Cefalu, Puerto Cabezas; 63 dms, 40 ctns, Sixaola, Puerto Limon; (Toloa) 50 cs, Puerto Barrios; 570 cs, Tela

LARD—500 tins, Contessa, Panama; 600 tins, Cefalu, Puntarenas; (Sixaola) 675 dms, 865 tins, Havana; 100 tins, Cristobal; 500 tins, Panama; 1,000 tins, Puerto Limon; 500 tins, Santa Marta; 100 tins, Guayaquil; 25 tins, Toloa, Puerto Barrios; (Cadmus) 30 crts, Santiago; 5,693 tins, Puerto Colombia; 200 tins, Cartagena

MOLYBDENITE CONC—368 dms, Wasgenwald, Hamburg

OIL, COOKING—50 crts, Toloa, Puerto Barrios

FUEL—1,100 bbls, Lindvangen, Moengo; 1,500 bbls, Contessa, Ceiba; 100 dms, 1,500 bbls, Cefalu, Ceiba; 60 dms, Toloa, Tela

LUBRICATING—55 pkgs, Lindvangen, Kingston; (Cefalu) 24 dms, Puerto Cabezas; 2 dms, Ceiba; (Sixaola) 6 dms, Corinto; 80 dms, 27 ctns, Guayaquil; (Hopepeak) 25 tons, Yokohama; 127 tons, Kobe; 30 tons, Osaka; 40 tons, Wasgenwald, Hamburg; (Erlangen) 10 dms, Brisbane; 90 dms, Sydney; 135 dms, Melbourne; 10 dms, Adelaide; (Michigan) 68 tons, Havre; 6 tons, Antwerp; (Fulda) 6 tons, Hamburg; 72 tons, Bremen-Hamburg; 20 tons, Vigilant, Gdynia; 6 tons, Eglantine, Liverpool

PINE—9 dms, Sixaola, Buenaventura; 3 dms, Erlangen, Melbourne

REFINED—100 cs, Sixaola, Puerto Limon

PAINT—1 ton, Contessa, Colon

PARAFFIN—108 tons, Eglantine, Manchester; 400 sx, Cefalu, Valparaiso; (Sixaola) 150 cs, Havana; 50 sx, Buenaventura; 50 sx, Toloa, Puerto Barrios

PETROLATUM—61 tons, Michigan, Antwerp; 114 tons, Fulda, Hamburg

PINETAR—21 dms, Lindvangen, Georgetown; (Erlangen) 5 dms, Brisbane; 65 dms, Melbourne; 10 tons, Michigan, Havre

ROSIN—20 dms, Contessa, Panama; 39 dms, Cefalu, Havana; 30 dms, Sixaola, Havana; 23 tons, Wasgenwald, Hamburg; 50 dms, Erlangen, Adelaide; 31 tons, Fulda, Hamburg; 200 sx, Cadmus, Cartagena; 43 tons, Eglantine, Liverpool

GUM—150 bbls, Cadmus, Puerto Colombia

WOOD—20 dms, 55 bbls, Erlangen, Melbourne; 12 tons, Eglantine, Manchester

SALT—4 tons, Contessa, Puerto Cabezas; 66 tons, Cefalu, Havana; 55 tons, Sixaola, Havana

COMMON—170 cs, Erlangen, Adelaide

SHRIMP BRAN—100 sx, Sixaola, Panama

SOYBEAN MEAL—70 tons, Michigan, Antwerp

STARCH, CORN—249 tons, Counsellor, Manchester

TRIPOLI—3 tons, Fulda, Hamburg

TURPENTINE—(Sixaola) 150 cs, 350 dms, 5 bbls, Havana; 45 ctns, Panama City; (Erlangen) 2 dms, Brisbane; 200 pls, 15 dms, Melbourne; 116 dms, Adelaide

Norfolk Exports

Clearance Dates

Capulin, December 8; Satartia, December 8; Svanhild, December 7

CORN SUGAR—600 bgs, 60,900 lbs, Satartia, London

GRAPHITE—67 bbls, 26,849 lbs, Svanhild, Copenhagen

MEDICINAL PREPS—10 pkgs, 680 lbs, Capulin, Dublin

MICA, PULV—(Satartia) 90 bgs, 9,180 lbs, London; 100 bgs, 10,200 lbs, Hamburg

OCHER—24 bbls, 11,812 lbs, Capulin, Liverpool; 1,820 bgs, 294,840 lbs, Satartia, Leith

STARCH—216 bgs, 30,564 lbs, Capulin, Belfast; (Satartia) 640 bgs, 90,250 lbs, Leith; 50 bgs, 7,050 lbs, Dundee

CORN—100 bgs, 12,700 lbs, Satartia, Leith

TANNING EXTRACT—(Capulin) 450 bbls, 268,772 lbs, Manchester; 375 bgs, 380 bbls, 286,243 lbs, Liverpool; 150 bgs, 22,500 lbs, Svanhild, Oslo

Philadelphia Exports

Clearance Dates

Alexandre Andre, December 15; Belvedere, December 10; British Prince, December 9; Bruyere, December 14; City of Bedford, December 12; Danio, December 14; Eskbank, December 8; Exermont, December 16; Exmouth, December 14; Gloucester City, December 15; Jaboatao, December 10; Korsholm, December 10; New Columbia, December 13; San Marcos, December 12; Sheridan, December 14; Steel Traveler, December 8; Winkler, December 16

ACID, PHOSPHORIC—23 bbls, Korsholm, Stockholm

ALCOHOL, BUTYL—12 dms, City of Bedford, Dairen

ALUMINA SULPHATE—(San Marcos) 110 bgs, Cartago; 300 bgs, Buenaventura

AMMONIA, ANHYD—2 cyls, San Marcos, Mazatlan

ANTI-KNOCK COMP—94 dms, Danio, Marseilles

ASPHALT—5 dms, Jaboatao, Santos

BENZOL—5 dms, Jaboatao, Rio de Janeiro; 238,357 gls, Winkler, Antwerp

BUTYL ACETATE—12 dms, City of Bedford, Dairen

CALCIUM—1,120 bgs, Gloucester City, Bristol

COALTAR INTERMEDIATES—6 dms, Sheridan, Recife

FUEL, TRACTOR—600 cs, Jaboatao, Rio Grande Do Sul

GASOLINE—(British Prince) 2,200 pkgs, Beira; 100 pkgs, Capetown; 700 pkgs, Lourenco Marques; (New Columbia) 4,185 cs, 25 dms, Accra; 2,000 cs, Dakar; 1,000 cs, 40 dms, Freetown; 1,250 cs, 100 dms, Duala; 1,750 cs, 50 dms, Port Harcourt; 500 cs, 25 dms, Calabar; 5,150 cs, Lagos; 2,870 cs, 50 dms, Takoradi; 530 cs, Saltpond; 1,000 cs, Cape Coast; 5,000 cs, 75 dms, Port Bouet; 2,000 cs, Sassandra; 1,500 cs, 15 dms, Cotonou; 1,000 cs, Lome; 1,500 cs, 25 dms, Conakry; 23,226 bbls, Winkler, Antwerp; 6,000 cs, 600 dms, Sheridan, Ceara

GLASS, PLATE—57 bxs, Steel Traveler, Manila

GLUE, FLEXIBLE—15 bxs, Korsholm, Eskilstuna

GREASE, LUBRIC—6 dms, Steel Traveler, Manila; (British Prince) 20 pkgs, Beira; 150 pkgs, Capetown; 15 pkgs, East London; 120 pkgs, Durban; 15 pkgs, Port Elizabeth; 150 pkgs, Lourenco Marques; (Jaboatao) 240 cs, 55 bkts, 29 bbls, Rio de Janeiro; 65 cs, 75 bkts, 18 bbls, Santos; 10 dms, Korsholm, Stockholm; (New Columbia) 35 cs, Dakar; 10 cs, Sassandra; (San Marcos) 13 dms, Barranquilla; 1 dm, Guayaquil; 10 cs, Barranco Bermeja; 36 cs, 1 dm, Bucaramanga; 12 dms, Colombia; (Sheridan) 5 bbls, 25 bkts, Pernambuco; 10 cs, 15 bbls, Macelo; 40 cs, Ceara

INSECTICIDE—3 cs, New Columbia, Calabar

KEROSENE—200 cs, Jaboatao, Rio Grande do Sul; (Sheridan) 5,000 cs, Ceara; 6,000 cs, Bahia

LICORICE PASTE—(British Prince) 3 pkgs, Capetown; 50 pkgs, Lourenco Marques; 10 cs, Korsholm, Norrkoeping; 12 cs, Bruyere, Rio de Janeiro

MINERAL SPTS—200 pkgs, British Prince, Durban; 1,500 cs, Jaboatao, Rio de Janeiro

NAPHTHA—2 pkgs, British Prince, Lourenco Marques; 47 dms, Jaboatao, Rio de Janeiro

OIL, FUEL—(New Columbia) 150 dms, Lagos; 30 dms, Sassandra

ILLUMINATING — (British Prince) 1,500 pkgs, Port Natal; 600 pkgs, Beira; 600 pkgs, Capetown; (New Columbia) 375 cs, Accra; 500 cs, Dakar; 1,000 cs, Freetown; 1,250 cs, Duala; 750 cs, Port Harcourt; 625 cs, Calabar; 1,000 cs, Lagos; 1,000 cs, Takoradi; 250 cs, Saltpond; 875 cs, Port Bouet; 350 cs, Sassandra; 1,000 cs, Lome; 500 cs, Conakry

LUBRICATING — 427 dms, Steel Traveler, Manila; (British Prince) 500 pkgs, Port Natal; 100 pkgs, Beira; 1,100 pkgs, Capetown; 240 pkgs, East London; 1,036 pkgs, Durban; 370 pkgs, Port Elizabeth; 884 pkgs, Lourenco Marques (Jaboatao) 480 dms, 655 cs, Rio de Janeiro; 15 cs, 5 dms, Paranagua; 16 cs, 60 dms, Victoria; 80 cs, Rio Grande do Sul; 176 bbls, 2,297 cs, 576 dms, Santos; 191 bbls, Belvedere, Genoa; (Korsholm) 10 cs, Malmo; 50 bbls, 10 dms, 21 pkgs, Gothenburg; 83 dms, 3 bxs, 1 crt, 36 pkgs, Stockholm; 10 dms, Sundsvall; 16 bbls, Tallin; (Alexandre Andre) 921,528 gls, Antwerp; 293,625 gls, Rotterdam; 662,305 gls, London; (City of Bedford) 1,463 dms, 635 cs, Manila; 110 dms, 155 cs, Iloilo; 435 dms, 910 cs, Cebu; 690 dms, 50 cs, Shanghai; 120 dms, 18 cs, Hongkong; (New Columbia) 120 dms, 20 cs, Accra; 142 cs, 60 dms, Dakar; 135 dms, Lagos; 10 dms, Saltpond; 35 cs, 20 dms, Sassandra; 30 dms, Lome; 30 cs, Conakry; 23 dms, Sierra Leone; 50 cs, Bamako; 120 cs, Port Bouet; 40 cs, Grand Lahou; 59 pkgs, Sassandra; 10 cs, Accra; 35 dms, Saltpond; 30 dms, Takoradi; 351 dms, 390 cs, Teneriffe; 472 dms, Las Palmas; 61 dms, Apapa; 34 dms, 110 pkgs, Port Harcourt; 12 dms, Warri; (San Marcos) 41 dms, 3 cs, Barranquilla; 3 dms, Guayaquil; 13 cs, Barrance Bermeja; 48 dms, Buccaramanga; 32 dms, Colombia; 10 dms, 2 cs, San Jose; (Winkler) 18,450 bbls, 75 dms, 1 ctn, Antwerp; 1,961 bbls, London; 15 dms, Exermont. Tunis; (Danio) 243 pkgs, Leixoes; 700 ctns, 60 dms, 110 bbls, Lisbon; 13 pkgs, Dililo; 14 pkgs, Calenda; 8 dms, 10 cs, San Thome; 300 pkgs, Loanda; 16 pkgs, Mossamedes; 29 pkgs, Novo Rendondo; 5 pkgs, Porto Amboin; 110 pkgs, Benguela; 70 pkgs, Gibraltar; 50 cs, 10 dms, 60 bbls, Marseilles; 10 pkgs, Tunis; 63 dms, 5 cs, 12 pkgs, Casablanca; 325 pkgs, Ouidjda; (Sheridan) 10 dms, Iquitos; 245 cs, 110 dms, Pernambuco; 41 cs, 30 dms, 10 bbls, Macelo; 306 cs, 110 dms, 12 bbls, Ceara; 8 bbls, 34 cs, Macelo; 13 bbls, 170 cs, Cabedello; (Bruyere) 1,241 cs, 70 dms, 233 bbls, Rio de Janeiro; 12 bbls, Aracaju; 41 cs, Santos; 120 cs, 50 dms, Sao Paulo; 30 dms, Montevideo

NEATSFOOT—12 bbls, Danio, Marseilles

TRANSFORMER—(Jaboatao) 10 dms, 60 cs, Rio de Janeiro; 55 dms, 25 cs, Santos

PAINT—3 dms, Steel Traveler, Manila; 7 dms, 3 pls, Eskbank, Manila; 55 kits, Korsholm, Malmo

PARAFFIN—41 bbls, Jaboatao, Rio de Janeiro; 51 bgs, Exmouth, Dubrovnik; (San Marcos) 400 bgs, Guayaquil; 50 bgs, Pisco; 128 bbls, Gloucester City, Bristol

REFINED—100 bgs, 90 ctns, Jaboatao, Santos; 20 bgs, San Marcos, Ambato; 2 cs, 10 ctns, Sheridan, Macelo

POLISH, SHOE—8 ctns, San Marcos, Managua

POTASH MURIATE—20 pkgs, British Prince, East London

ROSIN—5 dms, San Marcos, Cristobal

SOAP—3 dms, 1 bx, Jaboatao, Santos

SODA, ASH—1 bx, Korsholm, Santos

TOILET PREPS—(British Prince) 1 pkg, Capetown; 1 pkg, East London; 1 pkg, Durban; 2 pkgs, Port Elizabeth

TOLUOL—719,981 lbs, Winkler, Antwerp

Port Arthur Exports

Clearance Dates

Alabama, December 4; Allister, December 4; Europe, December 6; Garonne, December 3; Inversuir, December 1, Jole Fassio, December 2; Kollbjorg, December 8; Neptuno, November 30; Otho, November 30; Teddy, December 8

ASPHALT—(Otho) 5 cs, Watsa; 5 dms, Lobito; 40 dms, 40 cs, Leopoldville; (Neptuno) 35 dms, Havana; 20 bxs, Puerto Padre; 1,728 dms, Allister, Puntarenas; 244 dms, Inversuir, Amsterdam

BLENDING FLUID—38 bbls, Garonne, Bilbao

DRESSING, WAX LIQ—3 cs, Neptuno, Belize

GASOLINE—(Toho) 6,000 cs, 1,000 dms, Dakar; 1,400 cs, Bathurst; 7,000 cs, 125 dms, Conakry; 3,525 cs, Freetown; 427 cs, Monrovia; 4,000 cs, Port Marshall; 2,000 cs, Cape Palmas; 2,500 cs, Sassandra; 10,000 cs, Port Bouet; 50 cs, Takoradi; 1,550 cs, Winnebah; 15,500 cs, Accra; 775 dms, Cotonou; 1,000 cs, Sapele; 3,000 cs, Port Harcourt; 400 cs, Victoria; 2,500 cs, 150 dms, Duala; 3,500 cs, 3,000 dms, Lobito; 50 dms, Leopoldville; (Neptuno) 750 cs, Ceiba; 1,700 cs, 640 bbls, Puerto Cortez; 200 cs, 250 dms, Belize; (Inversuir) 29,188 bbls, Amsterdam; 49,873 bbls, Thameshaven; 84,721 bbls, Garonne, Bilbao; (Allister) 400 dms, Limon; 200 dms, San Jose; 5,309 dms, Puntarenas; (Europe) 26,778 bbls, Amsterdam; 36,117 bbls, Liverpool; (Kollbjorg) 25,714 bbls, Capetown; 17,142 bbls, East London; 60,149 bbls, Durban

GREASE, LUBRICATING—(Otho) 20 dms, Dakar; 11 cs, Bathurst; 5 dms, 65 cs, Port Bouet; 45 cs, 10 dms, Accra; 20 cs, Watsa; 10 dms, 20 cs, Duala; 8 dms, 60 cs, Lobito; 50 dms, 230 cs, Leopoldville; (Neptuno) 145 dms, 500 cs, Havana; 20 dms, 170 cs, Santiago; 5 dms, 25 cs, Antilla; 7 cs, Ceiba; 10 cs, Puerto Cortez; 8 cs, Belize; 273 dms, 303 cs, Inversuir, Amsterdam; 132 dms, Garonne, Bilbao

KEROSENE—(Otho) 4,000 cs, Dakar; 600 cs, Bathurst; 6,000 cs, Conakry; 1,000 cs, Freetown; 1,500 cs, Monrovia; 500 cs, Sassandra; 2,000 cs, Port Bouet; 2,000 cs, Takoradi; 50 cs, Winnebah; 2,300 cs, Accra; 1,000 cs, Sapele; 1,500 cs, Port Harcourt; 1,200 cs, Victoria; 500 cs, Duala; 1,200 cs, 200 dms, Lobito; 4,000 cs, Leopoldville; (Neptuno) 1,500 cs, 150 dms, Ceiba; 2,150 cs, Puerto Cortez; 4,000 cs, Puerto Barrios; 150 cs, 200 dms, 200 bbls, Belize; (Inversuir) 18,226 bbls, 7 dms, Amsterdam; 11,575 bbls, Thameshaven; (Europe) 17,203 bbls, Amsterdam; 5,861 bbls, Liverpool

OIL, DIESEL—(Otho) 300 dms, Dakar; 250 dms, Cape Palmas; 50 dms, Sassandra; 250 dms, Port Bouet; 50 dms, Bunia; 30 dms, Sapele; 200 dms, Victoria; 100 dms, Duala; 300 dms, Lobito; 200 dms, Leopoldville; (Neptuno) 100 bbls, Puerto Cortez; 600 dms, Puerto Barrios; (Allister) 60 dms, Limon; 60 dms, Puntarenas; (Europe) 2,268 bbls, Amsterdam; 9,338 bbls, Liverpool

FUEL — 24,508 bbls, Alabama, Matanzas; 41,166 bbls, Teddy, Flushing

LUBRICATING—(Otho) 110 dms, 380 cs, 25 bbls, Dakar; 12 dms, 10 cs, Bathurst; 2 cs, Conakry; 110 dms, 75 cs, Port Bouet; 5 cs, Takoradi; 40 dms, Winnebah; 120 dms, 31 cs, Accra; 25 dms, 115 cs, Bunia; 20 cs, Watsa; 10 dms, Sapele; 20 dms, Port Harcourt; 13 cs, Duala; 90 dms, 120 cs, Lobito; 185 dms, 660 cs, Leopoldville; (Neptuno) 343 dms, 227 cs, Havana; 70 dms, 81 cs, Santiago; 28 dms, 26 cs, Antilla; 1 dm, 9 cs, Ceiba; 78 cs, Puerto Cortez; 12 dms, Puerto Barrios; 15 dms, 79 cs, Belize; 156 dms, 137 bbls, 4 cs, Invenauir, Amsterdam; 542 dms, Garonne, Bilbao

PAINT—1 bx, Otho, Freetown

PARAFFIN—4,719 bgs, Garonne, Bilbao; 5 cs, Inversuir, Amsterdam

PETROLEUM, CRUDE—55,387 bbls, Jole Fassio, Venice

San Francisco Exports

Clearance Dates

Bahrein, December 2; Bengalen, December 1; Charlie Watson, November 30; Chinese Prince, December 1; City of Norfolk, December 2; Damsterdijk, December 1; Eknaren, December 3; Europa, November 28; Hindanger, November 26; J A Moffett, December 2; Margrethe Bakke, December 3; Peter Lassen, December 2; President Adams, November 26; President Taft, December 1; Sagoland, November 29; Santa Maria, December 4; Steel Inventor, December 1; Tatuta, December 3; Taybank, November 28; Terukawa, November 26; Thorshavn, November 30; W H Berg, November 30

ABRASIVE PAPER—5 crts, Taybank, China

ACID, BORIC—10 sks, Eknaren, Australia

CRESYLIC—2 cs, Eknaren, Australia

MURIATIC—1 cs, President Taft, Hongkong

NITRIC—36 crbys, Taybank Manila

ADHESIVES — 3 cs, Taybank, Philippine Islands

AMMONIA, ANHYD — 15 cyls, Damsterdijk, Aruba; (President Taft) 39 cyls, Shanghai; 90 cyls, Manila

SULPHATE—22,113 sks, Bengalen, Manila

APRICOT KERNELS—25 sks, Hindanger, Holland; 200 sks, Europa, London; (Damsterdijk) 125 sks, Holland; 150 sks, England; 600 sks, Steel Inventor, England

ASPHALT — (President Adams) 515 bbls, 15 dms, Singapore; 5 dms, Manila; (Taybank) 25 bbls, Philippine Islands; 2 dms, China; 10 bbls, Manila; (Bengalen) 1,525 dms, Singapore-Port Swettenham-Penang; 250 dms, Singapore; 100 dms, Rangoon; 4,578 dms, Eknaren, Australia

GILSONITE — 51 sks, Hindanger, Holland; 151 sks, Europa, Copenhagen

BENZIN—5 dms, Eknaren, Australia

BLEACHING POWDER — 8 dms, President Taft, Hongkong

BORAX—20 sks, Eknaren, Australia

BRAKE FLUID—2 cs, President Adams, Singapore

BUTTERMILK, DRD—44 cs, President Taft, Manila

CATTLE HORNS—75 sks, President Adams, Osaka

CEMENT, FLOOR-COVERING—100 pls, Bengalen, Calcutta

PLASTIC—4 cs, City of Norfolk, Havana; 1 cs, Eknaren, Australia

CHALK—1 cs, President Adams, Kowloon

CHARCOAL—1 kg, President Taft, Hongkong

CHEMICALS — (President Adams) 10 dms, Osaka; 16 cs, Shanghai; 32 cs, 4 dms, Tientsin; 160 dms, Kobe; 20 cs, Penang; 1 dm, 1 cs, Taybank, Philippine Islands; 5 cs, 1 kg, 40 dms, Chinese Prince, Manila

CHLORINE BLEACH, LIQ—3 cs, Taybank, China; 12 cs, City of Norfolk, Fort Davis

CHLORINE, LIQ—32 cyls, Taybank, Philippine Islands

CHLOROFORM—3 cs, President Taft, Hongkong

—Continued on page 60

Industrial Uses of Chemicals and Related Materials

(Formerly styled "Where You Can Sell")

Producers' Guide to New Markets Technical Information for Processors

Fully protected by copyright

Six-hundred-twenty-fifth Recapitulative Instalment

(Parenthetical references are to the numbers of patents in the United States or other countries, as designated)

4-Aminobutylbenzene

Chemical

In organic syntheses

Dye

Starting point (Brit. 449010 and 430160) in making—
- Green dyes, fast to washing and milling and not needing chroming, by condensing with—
  - 1-Bromoanthraquinone
  - 1-Chloroanthraquinone
  - 1:4-Dibromoanthraquinone
  - 1:4-Dichloroanthraquinone
  - Leuco-1-hydroxyanthraquinone
  - Leuco-1:4:5-trioxyanthraquinone
  - Leuco-quinazarin
  - Mixture of 1-hydroxyanthraquinone and leuco-1-hydroxyanthraquinone
  - Mixture of quinazarin and leuco-quinazarin

Cetylpyridinium Phosphate

Lubricant

Starting point (Brit. 457548) in making—
- High-pressure lubricants, die-making lubricants, boring, drilling, cutting, and wire-drawing oils, by solution, dispersion, or emulsification in carriers, such as mineral, vegetable, or animal oils, paraffin, water, graphite, grease, or porous bearing metal

4-Chlororesorcinol Normal Decylether

Disinfectant

Germicide (U.S. 2036827)

Dibutyl Telluride

Lubricant

Antioxidant (Brit. 462793)
Starting point (Brit. 462793) in making—
- Addition agents for high-pressure lubricants, with—
  - Antimony chloride
  - Cadmium butyrate
  - Cupro-acetylacetone
  - Cuprous chloride, bromide, or iodide
  - Cupro-rhodamide
  - Nickel oleate
  - Silver azide, or chloride
  - Stannic chloride

Hexyl Dichlorostearate

Lubricant

Addition agent (Brit. 459719 and 422956) in—
- Hydrocarbon lubricating oils

As a lubricant (Brit. 459719 and 422956)

Isobutylquinolin

Perfume

Base for—
- Artificial oak-moss (mousse de chene)

Blender with—
- Vetiver

Methylpyrogallol Monomethylether

Photographic

Developing agent (Ger. 603033) claimed to have the following advantages: (1) Nonhygroscopic; (2) stable even when stored for considerable time exposed to the air; (3) speed of reduction; (4) permanence (its use is suggested in combination with hydroquinone; it is not so rapid a reducer as the mixture of metol and hydroquinone, but is claimed to be much superior to the usual standard pyrogallol developer)

Mineral Oil

(Aceite de Parafina, Adepsine Oil, American Oil, Amilee, Atoleine, Atolin, Bakurol, Blandine, Crysmalin, Deeline, Flussiges Paraffin, Glyco, Glycoline, Glymol, Heavy Petroleum Oil, Huile de Paraffine, Interol, Lilyolene, Liquid Albolene, Liquid Cosmoline, Liquid Fossiline, Liquid Geoline, Liquid Paraffin, Liquid Petrolatum, Liquid Saxoline, Liquid Vaseline, Mineral Glycerin, Minol, Muthol, Neutralol, Nujol, Olo, Paraffin Oil, Paraffine Liquide, Paraffinol, Paraffinum Liquidum, Paroline, Petralol, Petro, Petroleum Liquidum, Petrolax, Petrolia, Petronol, Petrosio, Rock Oil, Russian Liquid Petrolatum, Russian Mineral Oil, Russian Paraffin Oil, Russol, Seueprolin, Saxol, Stanolax, Stanolind, Terraline, Terralbolia, Usoline, Water-White Mineral Oil, White Liquid Vaseline, White Mineral Oil, White Paraffin Oil, Whiteruss)

Animal Husbandry

Ingredient of—
- Cattle sprays

Adhesives

Ingredient of—
- Adhesives (U.S. 1510591, 1373518, and 1291396)
- Adhesives of various kinds

Plasticizer (Brit. 405263 and 405247) in—
- Adhesives for paper tapes, kraft paper, cardboard, corrugated board, gelatinized cellulosic derivatives

Building Construction

Waterproofing agent (U.S. 1283546 and 1242585) in—
- Hydraulic cement
- Natural cement
- Portland cement

Cellulose Products

Dispersing agent (U.S. 1392849) in making—
- Colloidal cellulose acetate
- Colloidal cellulose formate
- Colloidal nitrocellulose

Purifying agent (U.S. 1151081) for—
- Cellulose xanthate

Solvent (U.S. 1217028 and 1217027) for—
- Cellulose ethers
- Ethylcellulose

Chemical

Absorbent in—
- Manufacturing processes

Extractant (Brit. 384654, 390179, and 401678) for—
- Vinylacetylene

In organic syntheses

Ingredient (U.S. 1308243) of—
- Coating for calcium carbide

Preservative (U.S. 1390683) for—
- Catalyst

Process material in making—
- Adipic acid (U.S. 1485706)
- Benzene (U.S. 1282906 and 1252481)
- Bivinyl (U.S. 1282906)
- Decolorizing carbon (U.S. 1478986)
- Diolefins
- Ethane (U.S. 1282906 and 1134416)
- Ethylene (U.S. 1282906 and 1134416)
- Hydrogenation catalyst (U.S. 1519088, 1482740, 1378337, 1251202, and 1156068)
- 3-Hydroxy-2-napthoic acid (U.S. 1603984)
- Naphthalenedisulphonic acids (U.S. 1485706)
- Olefins
- Piperylene (U.S. 1282906)
- Propane (U.S. 1134416)
- Propylene (U.S. 1282906)
- Sodium 2-naphtholate (U.S. 1503984)
- Toluene (U.S. 1252481)
- Xylene (U.S. 1252481)

Purifying agent for—
- Ammonia (U.S. 1313886)
- Anthracene (U.S. 1419186)

Recovery agent for—
- Benzene (U.S. 1513153 and 1176094)

Solvent for—
- Chlorhydrins (U.S. 1394664)
- Oil-soluble colors

Solvent medium (Brit. 404504) in—
- Polymerizing acrylic acid, its esters, salts, or homologs

Starting point in making—
- Chlorinated compound (U.S. 1425884, 1425883, and 1425882)

Suspension medium (U.S. 1381782) in making—
- Acetic acid

Cosmetic

Ingredient of—
- Almond lotions
- Brilliantines
- Cleansing creams
- Cold creams
- Cosmetic preparations
- Dandruff preparations
- Dentifrice (U.S. 1467455)
- Deodorant creams and pencils
- Hair preparations
- Lipsticks
- Lip pomades
- Mouthwash (U.S. 1275275)
- Rouge pastes
- Soapless shampoos
- Suntan lotions
- Toilet preparations

Dentistry

Absorbent and softening agent (U.S. 1897034) in—
- Dental impression composition

Disinfectant

Ingredient (U.S. 1425882, 1425883, and 1425884) of—
- Antiseptic preparation

Dry Cleaning

Absorbent or solvent in—
- Removing stains

Ingredient (French 658437) of—
- Composition for removing tar spots

Dye

Process material (U.S. 1478027, 1460708, and 1148011) in making—
- Dyestuffs

Electrical

Ingredient of—
- Diaphragm for electrolytic cell (U.S. 1358858)
- Insulations for cables, condensers, transformers, and other apparatus

Storage battery electrolyte (U.S. 1421217)

Explosives and Matches

Absorbent in—
- Colored lights (U.S. 1388501)
- Explosives (various patents)
- Flares (U.S. 1388501)
- Incendiary composition (U.S. 1388501)
- Match-ignition compositions (U.S. 1341012)
- Rockets (U.S. 1388501)

Fats and Oils

Process material in making—
- Fat (U.S. 1124611)

Fertilizer

Ingredient (U.S. 1155797) of—
- Fertilizer

Food

Candling agent (U.S. 1370628, 1194340) for—
- Eggs

Ingredient of—
- Chewing gum (U.S. 1396641)

Preservative coating (U.S. 1450408) for preventing—
- Scald on apples

Process material (U.S. 1507820 and 1417893) in making—
- Butter substitute

Firefighting

Ingredient (U.S. 1270395) of—
- Chemical fire-extinguisher, containing also carbon tetrachloride

Glass

Process material in making—
- Gold-ornamented glass U.S. 1205728)
- Light-diffusing glass (U.S. 1496023)

Ink

Ingredient of—
- Composition for preventing printing smut (U.S. 1316531)
- Gold ink (U.S. 1450692)
- Mimeograph inks (U.S. 1464944)
- Printing ink (U.S. 1410572 and 1450692)
- Stencil inks

Insecticide and Fungicide

Ingredient of—
- Bedbug exterminants
- Emulsified spray products
- Fly-catching mixture
- Fungicides
- Rat exterminants (U.S. 1506575)

Vehicle in—
- Exterminants
- Fungicides
- Insecticides
- Insecticide consisting of an ester of furoic acid (U.S. 1942892)

Leather

Ingredient of—
- Belting dressings
- Leather dressings
- Waterproofings

Softening agent
Waterproofing agent

Lubricant

Ingredient of—
- Boring oils
- Core oils
- Cutting oils
- Cup greases
- Drawing compounds
- Drawing lubricants (U.S. 1907920)
- Grease (U.S. 1902635)
- High-speed lubricants
- Penetrating oils
- Soluble greases
- Valve lubricants

Lubricant

Mechanical

Ingredient of—
- Bearing (U.S. 1482414)
- Boiler compound (U.S. 1485659)
- Boiler feedwater compound (U.S. 1260987)
- Clutch facing (U.S. 1270559)

(To be continued)

Stearic Acid Nitrile

Chemical

Starting point (Brit. 438793) in making—
- Higher aliphatic amines used as textile auxiliary agents and as pharmaceutical agents

Triethylbenzene

(Triethylbenzol)

Analysis

Solvent in—
- Analytical processes involving control and research in science and industry

Chemical

Heat-transfer medium
Intermediate in—
- Organic syntheses

Solvent in various manufacturing processes

Dye

Intermediate in making—
- Synthetic dyestuffs

Electrical

As a dielectric

Miscellaneous

Heat-transfer medium

Ureasucrose

(A chemical compound obtained by evaporating an aqueous solution containing equimolecular proportions of the components)

Textile

Finishing, sizing, and weighting agent (Brit. 467749) for—
- Cotton
- Rayon
- Wool

Zinc Silicofluoride

Mining

Activating agent (U.S. 1972588) for—
- Oxidized minerals in flotation processes employing sodium sulphide, sodium ethylxanthate, and a frother

Business Wants and Offers

Minimum rate (36 words), without display, $2.00 per insertion; 25c for each additional 6 words

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Agencies Wanted

SWITZERLAND—Active and well established firm, best references, would be interested in securing American agencies for the sale of chemicals, oils, waxes, solvents and similar raw materials. Prepared to buy for own account or on commission basis. BOX 180, Oil, Paint and Drug Reporter.

EXPORT SERVICES—Export-import firm, financially responsible and successful, 15 years in business, wishes to represent out-of-town manufacturer not having New York office for exports. BOX 225, Oil, Paint and Drug Reporter.

OLD ESTABLISHED firm, highest references, is interested in obtaining domestic agencies for the sale of raw materials and chemicals to the plating, case-hardening, match, rayon, steel, dye, paint, mining, paper, and disinfectant industries—both domestic and foreign. Prepared either to buy for own account or sell on commission basis. BOX 229, Oil, Paint and Drug Reporter.

Buildings Offered

PHILADELPHIA.—Modern concrete fireproof factory building, 23,000 square feet floor space. Designed for wholesale drug business. Bordering central business district. Three street fronts. C. Harry Johnson, Packard building, Philadelphia, Pa.

Equipment Offered

CONSOLIDATED OFFERS.—Ten No. 3 Rotex sifters, motor driven; two 24-inch Mikro pulverizers; twelve vacuum dryers, shelf and rotary type; nine W. & P. mixers; five Sweetland filters; twenty plate type filter presses; thirty centrifugal machines; miscellaneous; rotary dryers, pulverizers, jacketed kettles, etc. Send for complete listing. We buy and sell from a single item to a complete plant. Consolidated Products Co., Inc., 15-17-19 Park Row, New York City.

FOR SALE.—Two 6x8 ft. pebble mills, 16x40 roller mills, 12x30 roller mills, 9x24 roller mills, 15 to 40-gallon pony mixers, lead mixers. Sell us your surplus equipment. Irving Barcan Company, 30 Church street, New York City.

FOR SALE—One belt driven 12 inches by 30 inches water cooled Kent roller mill. BOX 214, Oil, Paint and Drug Reporter.

FOR SALE—One Travis colloid mill No. 1, model H, 14-in. steel-lined Hurrell mill, motor driven, with 300-gal. Kent mixer; two 18-in. filter presses, recessed plates. A. A. MacWhinnie & Co., 11 Central street, Boston.

Positions Vacant

PAINT MANUFACTURER has immediate opening for superintendent who must be first-class industrial paint and varnish formulator and chemist. Reply: President, Box 6757, Pittsburgh, Pa., stating age, experience, salary expected and complete information to justify interview. Excellent opportunity for the right man.

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Positions Wanted

IF KNOWLEDGE of trade territory, jobber, manufacturer and large dealer, in west and southwest, and ability sell your raw material, finished product or sundries line is of interest to you, write BOX 223, Oil, Paint and Drug Reporter.

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CHECK INVENTORIES—Cash for any quantity, surplus finished or raw material—chemicals, oils, coaltar products, metals, drugs, pharmaceuticals, gums, wastes and by-products. Entire plants bought. Chemical Service Corp., 237 Fourth avenue, New York. STuyvesant 9-0133.

There is not a commercial center of any importance in any part of the World where the Oil, Paint and Drug Reporter does not circulate.

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LIQUIDATORS
APPRAISERS
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San Francisco Exports

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CLEANER—40 dms, Steel Inventor, England; 1 dm, 2 cs, J A Moffett, Vancouver; 20 cs, President Taft, Hongkong
COALTAR INTERMEDIATES—2 dms, 1 bbl, President Adams, Osaka
DECOLORIZING COMP — 1 bdl, President Adams, Manila
DISINFECTANT — 4 cs, President Adams, Hongkong; 3 dms, President Taft, Hongkong
EGG YOLK, DRD—2 bbls, City of Norfolk, Cristobal
EPSOM SALT—4 sks, President Taft, Hongkong
FERTILIZER—23 sks, 9 cs, President Taft, Manila
FLY SPRAY—(Bengalen) 120 cs, Singapore-Penang; 15 cs, Rangoon
GASOLINE—200 cs, Charlie Watson, La Union; 94,074 bbls, W H Berg, Hamburg; 40,770 bbls, Bahrein, France; 140 dms, J A Moffett, Vancouver
GLUE, DRY—12 cs, President Taft, Manila
GLUCOSE—(President Taft) 5 cs, Hongkong; 30 bbls, Manila
GLYCERIN—3 cs, President Taft, Hongkong
GREASE, LUBRIC—(President Adams) 25 dms, Fremantle; 7 dms, Singapore; 1 dm, Taybank, China; 6 dms, 50 pls, 27 cs, Charlie Watson, La Union; 18 dms, 5 pls, President Taft, Manila; (Bengalen) 8 dms, 28 pls, 5 cs, Rangoon; 400 lbs, Padang; 40 dms, 197 pls, 49 cs, J A Moffett, Vancouver; 1,075 dms, 4 pls, Eknaren, Australia
GUM ESTER—6 dms, President Adams, Shanghai
GYPSUM—4 cs, President Taft, Hongkong
INK, PRINTING—4 pls, 1 cs, Taybank, China; (President Taft) 3 dms, Hongkong; 15 pls, 5 dms, 8 cs, Manila; 50 pls, Bengalen, Cebu
INSECTICIDE—5 cs, Chinese Prince, Shanghai; 1 cs, Bengalen, Singapore-Penang
KEROSENE—440 tons, Taybank, Hongkong; 648 tons, Bengalen, Calcutta; 50 dms, Eknaren, Australia
LACQUER—12 cs, Bengalen, Katmandu
THINNER—(Bengalen) 3 pls, 2 dms, Katmandu; 60 pls, 24 cs, Calcutta
LEAD, METALLIC, PASTE—1 pl, Damsterdijk, Scotland
WHITE, DRY—67 bbls, Chinese Prince, Manila
LINSEED MEAL—1,524 sks, Europa, Copenhagen
LITHARGE—20 bbls, President Taft, Manila
LUBRICANT—1 cs, President Adams, Singapore
MEDICINAL PREPS—(President Taft) 4 cs, Manila; 2 cs, 2 kgs, 2 sks, Hongkong; 44 cs, Chinese Prince, Shanghai; 7 cs, Bengalen, Manila; 1 pkg, Eknaren, Australia
METHYL CHLORIDE—1 cyl, Taybank, Philippine Islands
MINERAL WATER—400 cs, President Taft, Manila
MOLYBDENITE CONC—152 bbls, President Taft, Osaka
OIL, COCONUT—30 dms, Terukawa, Colombia
CYLINDER—4 dms, Bengalen, Sourabaya
DIESEL—1,392 bbls, Peter Lassen, Puerto Armuelles; 3,500 bbls, J A Moffett, Vancouver
FUEL—1 dm, Bengalen, Singapore; 22,000 bbls, Santa Maria, Chile
GAS—(Bengalen) 3,687 bbls, Cebu; 4,011 bbls, Manila
GRAPEFRUIT — 1 cs, President Adams, Singapore
INSULATING—1 cs, Taybank, Philippine Islands
LARD—1 pl, Sagoland, Philippine Islands
LUBRICATING—(President Adams) 200 dms, Yokohama; 110 dms, 2 cs, Singapore; (Taybank) 1,010 dms, China; 135 dms, Haiphong; 475 dms, Shanghai; 55 dms, 43 cs, Charlie Watson, La Union; (President Taft) 160 dms, Yokohama; 50 dms, Kobe; 150 dms, Moji; 230 dms, 20 cs, Manila; 5 dms, 20 cs, Chinese Prince, Singapore; (Bengalen) 19 dms, Samarang; 10 dms, Rangoon; 75 dms, Calcutta; 73 dms, Sourabaya; 100 dms, Rangoon; 310 dms, Singapore; 241 dms, 2 cs, Batavia; 5 dms, Padang; 25 dms, Palembang; 19 dms, Siboiga; 50 dms, Fremantle; 180 dms, Port Swettenham; 110 dms, Penang; 476 dms, 23 pls, 6 cs, J A Moffett, Vancouver; 50 dms, Margrethe Bakke, England; 3,165 dms, Eknaren, Australia; (Tatsuta) 100 dms, Yokohama; 99 dms, Dairen; 500 dms, Kobe
MINERAL—11 dms, 12 cs, J A Moffett, Vancouver
NEATSFOOT—2 dms, Taybank, Shanghai
OLEO—10 bbls, President Adams, Hongkong
PAINT—(President Adams) 1 cs, Hongkong; 273 kgs, 32 cs, 30 dms, Manila; 34 pls, 38 cs, Colombo; 61 cs, Terukawa, Colombia; 2 cs, Taybank, Manila; (President Taft) 8 dms, 14 kgs, 4 cs, Bangkok; 18 cs, 10 kgs, Manila; 100 kgs, 7 cs, Chinese Prince, Manila; (Bengalen) 66 cs, 100 pls, Calcutta; 65 pls, 3 dms, 6 cs, Singapore
ASPHALT—1 cs, President Adams, Manila
ENAMEL—1 cs, Bengalen, Katmandu
PASTE—3 cs, President Adams, Manila
PREPARED—20 kgs, 11 cs, Terukawa, Cuba; 46 cs, City of Norfolk, Havana
PRESERVATIVE—1 cs, City of Norfolk, Havana
THINNER—2 kgs, Terukawa, Cuba; (Bengalen) 2 dms, Sourabaya; 5 dms, 50 pls, Rangoon; 1 dm, J A Moffett, Vancouver
PEPPER, BLACK—17 sks, Terukawa, Ecuador
PETROLATUM—7 dms, President Taft, Hongkong
PETROLEUM — 110 bbls, President Adams, Yokohama; 25 cs, 2 bbls, Taybank, China
CRUDE—20,094 bbls, Thorshavn, Japan
REFINED — 3,500 cs, Charlie Watson, La Union
POLISH, AUTO—8 cs, Bengalen, Batavia
METAL—1 cs, Bengalen, Sourabaya
SHOE—(Chinese Prince) 16 cs, Manila; 22 cs, Shanghai
PUTTY—2 cs, Taybank, Manila; 60 kgs, President Taft, Manila
RESIN—10 dms, President Adams, Manila
SYNTHETIC — 11 dms, 1 bbl, President Adams, Singapore
SOAP, LAUNDRY — 3 cs, Chinese Prince, Shanghai
POWDER—3 cs, President Taft, Hongkong; 1 cs, Chinese Prince, Shanghai
SODA, SILICATE—667 sks, President Taft, Manila; 5 dms, Chinese Prince, Shanghai
SOLVENT, PETROL — 20 dms, J A Moffett, Vancouver
SULPHUR FLOWERS — 112 sks, Eknaren, Australia
TOILET PREPS—(President Adams) 131 cs, Bangkok; 8 cs, Alexandria; 1 cs, Penang; 8 cs, Bengalen, Manila
VARNISH—(President Adams) 1 dm, Singapore; 1 cs, Hongkong; 220 cs, Manila; 3 cs, Terukawa, Cuba; 10 dms, President Taft, Manila; 39 cs, Tatuta, Kobe; 19 cs, Bengalen, Sourabaya
WAX—4 cs, Chinese Prince, Manila
AUTO—5 cs, J A Moffett, Vancouver
FLOOR—1 cs, Bengalen, Manila
YEAST—(Tatuta) 120 cs, Yokohama; 80 cs, Kobe
YERBA MATE—16 bbls, Eknaren, Australia
ZINC DUST—500 dms, Taybank, Philippine Islands

Savannah Exports

Clearance Dates

Eskbank, December 12; Haughton Hall, December 12; Fluor Spar, December 10; Schoharie, December 13

CLAY—2,200 bgs, Fluor Spar, Manchester; 1,500 bgs, Schoharie, London
COTTON LINTERS—144 bls, Fluor Spar, Manchester
GLUCOSE—80 bbls, Eskbank, Manila
ROSIN, GUM—(Fluor Spar) 300 bbls, Glasgow; 100 dms, 300 bbls, Liverpool; 25 bbls, Manchester; (Schoharie) 136 bbls, London; 200 bbls, Hull; 8 bbls, Aberdeen; 370 bbls, Hamburg; (Haughton Hall) 5 bbls, Aden; 45 bbls, Bombay; 90 bbls, Calcutta
SIZE, DRY—(Schoharie) 112 bgs, London; 100 bgs, Antwerp
SOYBEAN MEAL—40 bgs, Eskbank, Manila
TURPENTINE, GUM—(Schoharie) 250 bbls, Bristol; 350 bbls, London; 220 bbls, Antwerp; 60 bbls, Rotterdam; 50 bbls, Hamburg; (Fluor Spar) 200 bbls, Glasgow; 475 bbls, Liverpool; 100 bbls, Manchester
WOOD—100 bbls, Schoharie, Hamburg

Tampa Exports

Clearance Dates

Angrer, December 12; General Tosta, December 10; Goldfield, December 12; Mountpark, December 7; Sangstad, December 12

BAKING POWDER—21 cs, Goldfield, Georgetown
FAT, COOKING—9 cs, Goldfield, Georgetown
GASOLINE—6 dms, General Tosta, Cozumel; 4 dms, Angrer, Belize; 70 dms, Goldfield, Georgetown
INVALID'S FOOD—24 s, Goldfield, Georgetown
KEROSENE—16 dms, Goldfield, Georgetown
LARD SUBSTITUTE—9 cs, Goldfield, Georgetown
MEDICINAL PREPS—1 cs, Goldfield, Georgetown
OIL, LUBRICATING—2 dms, Goldfield, Georgetown
OXYGEN—1 dm, General Tosta, Cozumel
PHOSPHATE—7,851 tons, Mountpark, Yokohama-Osaka-Kobe; 4,426 tons, Sangstad, Kobe-Osaka
SALT—5 sx, Angrer, Belize
SOAP, LAUNDRY—16 cs, Angrer, Belize; 48 cs, Goldfield, Georgetown
TOILET—20 cs, Goldfield, Georgetown
STARCH, CORN—2 cs, Angrer, Belize; 11 cs, Goldfield, Georgetown

Coastwise Shipments

Corpus Christi Coast Trade

GASOLINE—72,887 bbls, C A Canfield, Baytown; 89,217 bbls, Christy Payne, Baytown
PETROLEUM, CRUDE — 64,893 bbls, Watertown, Boston; 69,541 bbls, Halo, Boston; 31,786 bbls, Federal, Houston; 92,574 bbls, Cities Service Denver, Baytown; 34,294 bbls, Beta, Texas City; 140,934 bbls, Charles G Black, Baytown; 139,386 bbls, G Harrison Smith, Baytown; 109,955 bbls, Wm G Warden, Baytown

Los Angeles Coast Trade

GASOLINE—63,686 bbls, Dirigo, Seattle; 61,217 bbls, Huguenot, San Francisco; 8,431 bbls, San Diegan, San Diego; 31,886 bbls, Edwin B de Golio, Tacoma; 52,607 bbls, Mojave, Seattle; 2,700 bbls, Neches, San Diego; 10,334 bbls, La Purisima, Port San Luis; 4,832 bbls, San Diegan, San Diego; 81,174 bbls, Huguenot, Richmond
KEROSENE—6,647 bbls, La Purisima, Oleum
DISTILLATE—5,402 bbls, Edwin B de Golio, Tacoma
OIL, DIESEL—8,722 bbls, Dirigo, Seattle; 18,049 bbls, Huguenot, San Francisco; 7,181 bbls, Mojave, Seattle; 26,581 bbls, La Purisima, Port San Luis
FUEL—52,046 bbls, Kanawha, San Diego; 52,559 bbls, Cuyama, San Diego; 66,030 bbls, Paul Shoup, Avon; 64,400 bbls, Baldhill, Martinez; 7,055 bbls, Mojave, Seattle; 50,224 bbls, Torres, San Francisco; 52,000 bbls, Neches, San Diego; 49,393 bbls, Kanawha, San Diego
FURNACE—5,820 bbls, Mojave, Seattle
GAS—7,764 bbls, La Purisima, Oleum
SOLVENTS, CLEANING—2,191 bbls, La Purisima, Oleum

Imports Detained

Detentions recently effected at various ports by United States authorities on determinations by the Food and Drug Administration that products offered for import were adulterated or misbranded under the Federal food and drug act, or did not comply with other customs regulations, included the following articles for the reasons stated:—

New York

Week Ended December 21

Calcium chloride, ampoules, 25 boxes; deficient in calcium chloride.

Codliver oil, 174 drums; restricted use.

Cod oil, technical, 210 drums; restricted use.

Ergot, 8 cases, not U.S.P.

Henbane, 6 bales; spurious.

Medicinal preparations, 1 case; deficient in declared potency; false and misleading statements.

Medicinal preparations, 1 case; false therapeutic claims.

Plant juice, 1 case; false and misleading statements.

Los Angeles

Week Ended December 8

Hair dye, 1,140 pieces; coal tar dye without caution statement.

Medicinal preparations, 100 pieces; false therapeutic claims.

Medicinal preparations, 72 pieces; false therapeutic claims; incorrect alcohol statement.

Medicinal preparations, 200 pieces; antifebrin improperly declared; new drug and false therapeutic claims.

Medicinal preparations, 30 pieces; new drug and false therapeutic claims.

Medicinal preparations, 24 pieces; contains acetphenetidin instead of acetanilide as declared.

Rice, 300 bags; coated with calcium carbonate.

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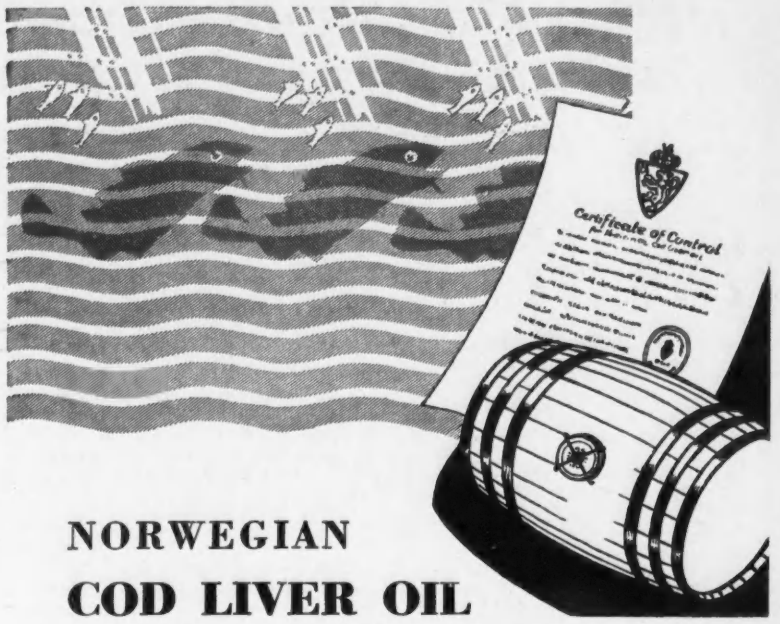

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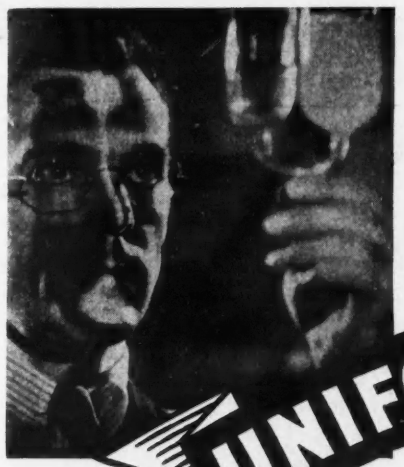

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